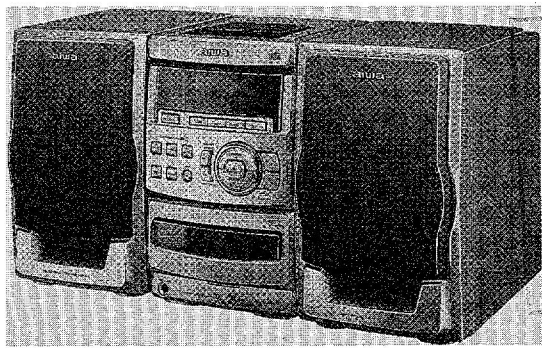


aiwa



LCX-350
LCX-352
LCX-358



COMPACT DISC STEREO SYSTEM

- BASIC TAPE MECHANISM: 2ZM-1 R6
- BASIC CD MECHANISM: KSM-2131 BDM

- TYPE: LH<350>, K<350>, EZ<352,358>

MANUAL SERVICE

ACCESSORIES/PACKAGE LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

| REF. NO | PART NO. | KANRI NO. | DESCRIPTION |
|---------|----------------|--------------|------------------------------------|
| 1 | 88-CL5-628-010 | | ANT, LOOP |
| 2 | 87-A90-118-010 | | ANT, WIRE FM (Z)<EXCEPT 350LH> |
| 2 | 88-CL5-626-010 | | FEEDER-ANT, FM<350LH> |
| 3 | 88-CLF-906-010 | | IB, E(9L)B<358EZ> |
| 3 | 88-CL5-906-010 | | IB, E(9L)B<352EZ> |
| 3 | 88-CL5-905-010 | | IB, K(E)B<350K> |
| 3 | 88-CL5-902-010 | | IB, LH(ESP)B<350LH> |
| △ 4 | 87-A90-312-010 | | PLUG, CONVERSION WTN-1157R1<350LH> |
| 5 | 88-CL5-951-010 | | RC UNIT, RC-8AT02 |

SPECIFICATIONS

K, EZ MODELS:

FM tuner section

| | |
|---------------------------------|----------------------|
| Tuning range | 87.5 MHz to 108 MHz |
| Usable sensitivity (IHF) | 13.2 dBf |
| Antenna terminals | 75 ohms (unbalanced) |

MW tuner section

| | |
|---------------------------|---|
| Tuning range | 531 kHz to 1602 kHz (9 kHz step) 530 kHz to 1710 kHz (10 kHz step) |
| Usable sensitivity | 350 μ V/m |
| Antenna | Loop antenna |

LW tuner section

| | |
|---------------------------|--------------------|
| Tuning range | 144 kHz to 290 kHz |
| Usable sensitivity | 1400 μ V/m |
| Antenna | Loop antenna |

LH MODEL:

FM tuner section

| | |
|---------------------------------|----------------------|
| Tuning range | 87.5 MHz to 108 MHz |
| Usable sensitivity (IHF) | 13.2 dBf |
| Antenna terminals | 75 ohms (unbalanced) |

AM tuner section

| | |
|---------------------------|---|
| Tuning range | 530 kHz to 1710 kHz (10 kHz step) 531 kHz to 1602 kHz (9 kHz step) |
| Usable sensitivity | 350 μ V/m |
| Antenna | Loop antenna |

Amplifier section

LCX-358 MODEL:

| | |
|---------------------|---|
| Power output | Rated: 8 W + 8 W (6 ohms, T.H.D. 1%, 1 kHz/DIN 45500) Reference: 11 W + 11 W (6 ohms, T.H.D. 10%, 1 kHz/DIN 45324) DIN MUSIC POWER 17 W + 17 W AUX: 0.5 V SPEAKERS: accept speakers of 6 ohms or more PHONES (stereo minijack): accepts headphones of 32 ohms or more |
| Input | |
| Outputs | |

LCX-352 MODEL:

| | |
|---------------------|---|
| Power output | Rated: 8 W + 8 W (8 ohms, T.H.D. 1%, 1 kHz/DIN 45500) Reference: 10 W + 10 W (8 ohms, T.H.D. 10%, 1 kHz/DIN 45324) DIN MUSIC POWER 16 W + 16 W AUX: 0.5 V SPEAKERS: accept speakers of 8 ohms or more PHONES (stereo minijack): accepts headphones of 32 ohms or more |
| Input | |
| Outputs | |

LCX-350 MODEL:

| | |
|----------------------------------|---|
| Power output | 10 W + 10 W (1 kHz, T.H.D. 10%, 8 ohms) 0.1 % (5 W, 1 kHz, 8 ohms) AUX: 0.5 V SPEAKERS: accept speakers of 8 ohms or more PHONES (stereo minijack): accepts headphones of 32 ohms or more |
| Total harmonic distortion | |
| Input | |
| Outputs | |

Cassette deck section

| | |
|---------------------------|--|
| Track format | 4 tracks, 2 channels stereo |
| Frequency response | Normal tape: 50 Hz – 15000 Hz |
| Recording system | AC bias |
| Heads | Recording/playback \times 1 Erase head \times 1 |

Compact disc player section

| | |
|------------------------|---|
| Laser | Semiconductor laser ($\lambda = 780$ nm) |
| D-A converter | 1 bit linear |
| Wow and flutter | Unmeasurable |

SPEAKER SYSTEM

LCX-358 MODEL:

| | |
|---|---|
| Cabinet type | 3 way, bass reflex |
| Speakers | Woofer: 120 mm cone type Cardioid speaker: 60 mm cone type Tweeter: 20 mm cone type |
| Impedance | 6 ohms |
| Dimensions (W \times H \times D) | 175 \times 261 \times 247 mm |
| Weight | 1.6 kg |

LCX-352 MODEL:

| | |
|---|---|
| Cabinet type | 2 way, bass reflex |
| Speakers | Woofer: 100 mm cone type Tweeter: 25 mm ceramic type |
| Impedance | 8 ohms |
| Dimensions (W \times H \times D) | 160 \times 255 \times 253.5 mm |
| Weight | 1.5 kg |

LCX-350 MODEL:

| | |
|---|------------------------------------|
| Cabinet type | 1 way, bass reflex |
| Speakers | 100 mm cone type |
| Impedance | 8 ohms |
| Dimensions (W \times H \times D) | 160 \times 255 \times 253.5 mm |
| Weight | 1.5 kg |

GENERAL

K, EZ MODELS:

| | |
|--|----------------------------------|
| Power requirements | AC : 230 V, 50 Hz DC : 12 V |
| Power consumption | 35 W |
| Dimensions of main unit (W \times H \times D) | 160 \times 255 \times 244 mm |
| Weight of main unit | 3.1 kg |

LH MODEL:

| | |
|--|--|
| Power requirements | AC : 110 - 120 V/220 - 240 V, switchable 50/60 Hz DC : 12 V |
| Power consumption | 33 W |
| Dimensions of main unit (W \times H \times D) | 160 \times 255 \times 244 mm |
| Weight of main unit | 3.1 kg |

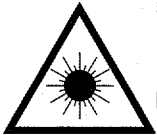
- Design and specifications are subject to change without notice.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!

WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.



- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

VAROITUS!

Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

WARNING!

Om apparaten används på annat sätt än vad som specificeras i denna bruksanvisning, kan användaren utsättas för osynlig laserstrålning, som överskrider gränsen för laserklass 1.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

ATTENTION

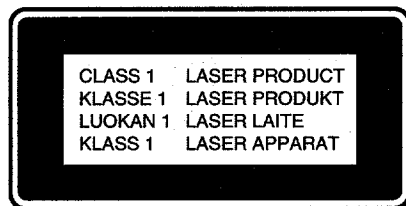
L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

ADVARSEL!

Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

This Compact Disc player is classified as a CLASS 1 LASER product.

The CLASS 1 LASER PRODUCT label is located on the rear exterior.

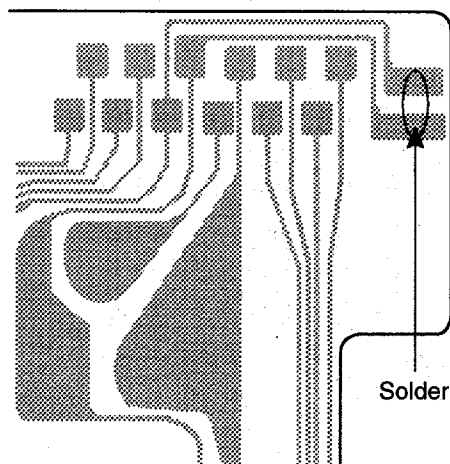


Precaution to replace Optical block (KSS-213B)

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure ground body and workbench, and use care the clothes do not touch the diode.

- 1) After the connection, remove solder shown in the right figure.

PICK-UP Assy P.C.B



ELECTRICAL MAIN PARTS LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

| REF. NO | PART NO. | KANRI NO. | DESCRIPTION | REF. NO | PART NO. | KANRI NO. | DESCRIPTION |
|------------|----------------|-----------|-----------------------------------|---------|----------------|-----------|-----------------------------------|
| IC | | | | C308 | 87-010-263-080 | | CAP, ELECT 100-10V |
| | 87-A20-446-010 | | C-IC, LA9241ML | C315 | 87-010-374-080 | | CAP, ELECT 47-10V |
| | 87-A20-187-010 | | IC, LC78622E | C317 | 87-010-546-080 | | CAP, ELECT 0.33-50V |
| | 87-A20-856-010 | | IC, BA6898S | C318 | 87-010-546-080 | | CAP, ELECT 0.33-50V |
| | 88-CL5-603-01J | | IC, LC867248A-5H31<352EZ, 358EZ> | C360 | 87-010-401-080 | | CAP, ELECT 1-50V |
| | 88-CL5-601-01J | | IC, LC867248A-5G97<350LH, 350K> | | | | |
| | 87-NF8-614-010 | | IC, SPS-442-1-W | C361 | 87-010-374-080 | | CAP, ELECT 47-10V |
| | 87-017-889-010 | | IC, NJM4558LD | C401 | 87-010-401-080 | | CAP, ELECT 1-50V |
| | 87-A20-910-010 | | C-IC, MM1434XF | C402 | 87-010-401-080 | | CAP, ELECT 1-50V |
| | 87-A20-715-010 | | IC, M62439SP | C403 | 87-010-321-080 | | CHIP CAPACITOR, 82P(J) |
| | 87-A20-909-010 | | IC, LA4663 | C404 | 87-010-321-080 | | CHIP CAPACITOR, 82P(J) |
| | 87-070-127-110 | | IC, LC72131 D | | | | |
| | 87-A20-438-010 | | IC, LA1837 | C452 | 87-010-382-080 | | CAP, ELECT 22-25V |
| | 87-A20-440-040 | | C-IC, BU1920FS<352EZ, 358EZ> | C457 | 87-010-187-080 | | CAP CHIP S5600P |
| | | | | C458 | 87-010-178-080 | | CHIP CAP 1000P |
| | | | | C459 | 87-010-175-080 | | CAP 560P |
| | | | | C461 | 87-010-173-080 | | C-CAP, S 390P-50 SL |
| TRANSISTOR | | | | C462 | 87-010-173-080 | | C-CAP, S 390P-50 SL |
| | 87-A30-015-080 | | TR, 2SA1317TU | C501 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | 89-112-965-080 | | TR, 2SA1296 (0.75W) | C502 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | 87-026-610-080 | | TR, KTC3198GR | C503 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | 88-CL5-622-010 | | TR, 2SB1655E | C504 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | 87-026-218-080 | | TR, DTC144ES (0.2W) | | | | |
| | 87-026-237-080 | | CHIP-TR, DTC124XK | C505 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | 87-026-263-080 | | C-TR, RN1410 | C506 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | 89-320-011-080 | | TR, 2SC2001 (15W) | C507 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | 89-109-521-080 | | TR, 2SA952 (0.6W) | C508 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | 87-A30-091-080 | | FET, 2SJ460 | C509 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | 87-A30-090-080 | | FET, 2SK2541 | | | | |
| | 87-A30-151-080 | | TR, 2SA1993F | C510 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | 89-333-317-080 | | TR, 2SC3331 (0.5W) | C513 | 87-010-545-080 | | CAP, ELECT 0.22-50V |
| | 89-322-405-080 | | TR, 2SC2240GR<EXCEPT 350LH> | C514 | 87-010-545-080 | | CAP, ELECT 0.22-50V |
| | 87-026-219-080 | | TR, DTA144ES (0.3W) | C515 | 87-010-545-080 | | CAP, ELECT 0.22-50V |
| | 87-A30-152-080 | | TR, 2SC5395F | C516 | 87-010-545-080 | | CAP, ELECT 0.22-50V |
| | 87-A30-196-080 | | TR, 2SC4115SRS | | | | |
| | 89-327-143-080 | | TR, 2SC2714 (0.1W) | C517 | 87-010-762-080 | | CAP E220-10 BP |
| | 87-A30-072-080 | | C-TR, RT1P 144C | C518 | 87-010-762-080 | | CAP E220-10 BP |
| | 87-026-230-080 | | TR, DTA114YK | C519 | 87-010-401-080 | | CAP, ELECT 1-50V<EXCEPT 350LH> |
| | 87-A30-076-080 | | C-TR, 2SC3052F<352EZ, 358EZ> | C520 | 87-010-401-080 | | CAP, ELECT 1-50V<EXCEPT 350LH> |
| | 87-A30-073-080 | | C-TR, RT1N 141C<352EZ, 358EZ> | C521 | 87-010-401-080 | | CAP, ELECT 1-50V<EXCEPT 350LH> |
| | 89-505-434-540 | | C-FET, 2SK543(4/5)<EXCEPT 350LH> | | | | |
| | 87-A30-086-070 | | C-TR, CSD1306E<EXCEPT 350LH> | C522 | 87-010-401-080 | | CAP, ELECT 1-50V<EXCEPT 350LH> |
| | 87-A30-074-080 | | C-TR, RT1P 141C<EXCEPT 350LH> | C523 | 87-010-297-080 | | CAP CHIP 100P |
| DIODE | | | | C525 | 87-010-221-080 | | CAP, ELECT 470-10V<EXCEPT 350LH> |
| | 87-020-465-080 | | DIODE, 1SS133 (110MA) | C526 | 87-010-263-080 | | CAP, ELECT 100-10V<EXCEPT 350LH> |
| | 87-070-345-080 | | DIODE, IN4148 | C526 | 87-010-112-080 | | CAP, ELECT 100-16V<350LH> |
| | 87-027-825-080 | | ZENER, HZ9A3L | | | | |
| | 87-A40-304-080 | | ZENER, DZ6.2M<EXCEPT 350LH> | C527 | 87-010-196-080 | | CHIP CAPACITOR, 0.1-25 |
| | 87-017-931-080 | | ZENER, MTZJ5.6B<350LH> | C528 | 87-010-374-080 | | CAP, ELECT 47-10V |
| | 87-A40-523-080 | | ZENER, MTZJ9.1B | C529 | 87-010-401-080 | | CAP, ELECT 1-50V |
| | 87-070-136-080 | | ZENER, MTZJ5.1B | C530 | 87-010-401-080 | | CAP, ELECT 1-50V |
| | 87-A40-347-080 | | ZENER, MTZJ2.2B | C531 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | 87-A40-345-080 | | ZENER, MTZJ10C | | | | |
| | 87-070-022-010 | | DIODE, IN5402 (RECT) | C532 | 87-010-402-080 | | CAP, ELECT 2.2-50V |
| | 87-A40-003-080 | | ZENER, MTZJ4.3A<350LH> | C537 | 87-010-401-080 | | CAP, ELECT 1-50V |
| | 87-A40-246-080 | | DIODE, IN4148 T-72 | C538 | 87-010-401-080 | | CAP, ELECT 1-50V |
| | 87-A40-234-080 | | ZENER, MTZJ5.6A | C539 | 87-010-401-080 | | CAP, ELECT 1-50V |
| | 87-A40-270-080 | | C-DIODE, MC2838<EXCEPT 350LH> | C540 | 87-010-401-080 | | CAP, ELECT 1-50V |
| MAIN C.B | | | | | | | |
| | 87-A90-160-080 | | FUSE CLAMP, FC 51F | C541 | 87-010-404-080 | | CAP, ELECT 4.7-50V |
| ▲ | 87-010-177-080 | | C-CAP, S 820P-50 SL | C542 | 87-010-404-080 | | CAP, ELECT 4.7-50V |
| C302 | 87-010-177-080 | | C-CAP, S 820P-50 SL | C547 | 87-010-405-080 | | CAP, ELECT 10-50V<EXCEPT 350LH> |
| C303 | 87-010-177-080 | | C-CAP, S 820P-50 SL<EXCEPT 350LH> | C547 | 87-010-404-080 | | CAP, ELECT 4.7-50V<350LH> |
| C303 | 87-010-180-080 | | C-CAP 1500P-50B<350LH> | C548 | 87-010-408-080 | | CAP, ELECT 47-50V |
| C304 | 87-010-177-080 | | C-CAP, S 820P-50 SL<EXCEPT 350LH> | | | | |
| C304 | 87-010-180-080 | | C-CAP 1500P-50B<350LH> | C549 | 87-010-405-080 | | CAP, ELECT 10-50V |
| C307 | 87-010-263-080 | | CAP, ELECT 100-10V | C550 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | | | | C551 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | | | | C552 | 87-010-405-080 | | CAP, ELECT 10-50V |
| | | | | C581 | 87-010-182-080 | | C-CAP, S 2200P-50 B |
| | | | | | | | |
| | | | | C582 | 87-010-182-080 | | C-CAP, S 2200P-50 B |
| | | | | C583 | 87-010-174-080 | | CAP CHIP SL470P (K)<EXCEPT 350LH> |
| | | | | C583 | 87-010-186-080 | | CAP, CHIP 4700P<350LH> |
| | | | | C584 | 87-010-174-080 | | CAP CHIP SL470P (K)<EXCEPT 350LH> |
| | | | | C584 | 87-010-186-080 | | CAP, CHIP 4700P<350LH> |
| | | | | | | | |
| | | | | C618 | 87-010-174-080 | | CAP CHIP SL470P (K) |
| | | | | C619 | 87-010-408-080 | | CAP, ELECT 47-50V |
| | | | | C620 | 87-010-384-080 | | CAP, ELECT 100-25V |
| | | | | C621 | 87-010-381-080 | | CAP, ELECT 330-16V |
| | | | | C650 | 87-010-197-080 | | CAP, CHIP 0.01 DM |

| REF. NO | PART NO. | KANRI NO. | DESCRIPTION | REF. NO | PART NO. | KANRI NO. | DESCRIPTION |
|---------|----------------|-----------|---------------------------------|-----------|----------------|-----------|--|
| C651 | 87-010-198-080 | | CAP, CHIP 0.022 | C828 | 87-010-196-080 | | CHIP CAPACITOR, 0.1-25 |
| C652 | 87-010-198-080 | | CAP, CHIP 0.022 | C829 | 87-010-196-080 | | CHIP CAPACITOR, 0.1-25 |
| C653 | 87-010-198-080 | | CAP, CHIP 0.022 | C859 | 87-010-197-080 | | CAP, CHIP 0.01 DM<352EZ, 358EZ> |
| C654 | 87-010-198-080 | | CAP, CHIP 0.022 | C861 | 87-012-156-080 | | C-CAP, S 220P-50 CH<352EZ, 358EZ> |
| C655 | 87-010-453-090 | | CAP ELECT 4700-25V SME | C862 | 87-012-156-080 | | C-CAP, S 220P-50 CH<352EZ, 358EZ> |
| C661 | 87-010-263-080 | | CAP, ELECT 100-10V | C863 | 87-012-140-080 | | CAP 470P<352EZ, 358EZ> |
| C662 | 87-010-403-080 | | CAP, ELECT 3.3-50V | C864 | 87-010-405-080 | | CAP, ELECT 10-50V<352EZ, 358EZ> |
| C665 | 87-010-197-080 | | CAP, CHIP 0.01 DM<352EZ, 358EZ> | C865 | 87-010-197-080 | | CAP, CHIP 0.01 DM<352EZ, 358EZ> |
| C666 | 87-010-197-080 | | CAP, CHIP 0.01 DM<352EZ, 358EZ> | C866 | 87-010-405-080 | | CAP, ELECT 10-50V<352EZ, 358EZ> |
| C667 | 87-010-197-080 | | CAP, CHIP 0.01 DM<352EZ, 358EZ> | C867 | 87-010-197-080 | | CAP, CHIP 0.01 DM<352EZ, 358EZ> |
| C668 | 87-010-197-080 | | CAP, CHIP 0.01 DM<352EZ, 358EZ> | C868 | 87-010-316-080 | | C-CAP, S 33P-50 CH<352EZ, 358EZ> |
| C701 | 87-010-381-080 | | CAP, ELECT 330-16V | C869 | 87-010-314-080 | | C-CAP, S 22P-50V<352EZ, 358EZ> |
| C702 | 87-010-404-080 | | CAP, ELECT 4.7-50V | C940 | 87-010-197-080 | | CAP, CHIP 0.01 DM<EXCEPT 350LH> |
| C703 | 87-010-197-080 | | CAP, CHIP 0.01 DM | C942 | 87-010-151-080 | | C-CAP, S 7P-50 CH<EXCEPT 350LH> |
| C704 | 87-010-197-080 | | CAP, CHIP 0.01 DM | C947 | 87-010-197-080 | | CAP, CHIP 0.01 DM<EXCEPT 350LH> |
| C711 | 87-010-263-080 | | CAP, ELECT 100-10V | C949 | 87-014-049-080 | | CAP, PP 470P-100 J<EXCEPT 350LH> |
| C712 | 87-010-196-080 | | CHIP CAPACITOR, 0.1-25 | C952 | 87-010-197-080 | | CAP, CHIP 0.01 DM<EXCEPT 350LH> |
| C713 | 87-010-197-080 | | CAP, CHIP 0.01 DM | C957 | 87-010-311-080 | | CAP 12P<EXCEPT 350LH> |
| C714 | 87-010-197-080 | | CAP, CHIP 0.01 DM | C958 | 87-010-197-080 | | CAP, CHIP 0.01 DM<EXCEPT 350LH> |
| C718 | 87-010-297-080 | | C-CAP, S 100P-50 | C959 | 87-010-196-080 | | CHIP CAPACITOR, 0.1-25 |
| C721 | 87-010-312-080 | | C-CAP, S 15P-50 CH | C960 | 87-010-196-080 | | CHIP CAPACITOR, 0.1-25 |
| C722 | 87-010-312-080 | | C-CAP, S 15P-50 CH | C961 | 87-010-152-080 | | C-CAP, S 8P-50 CH<350LH> |
| C723 | 87-010-178-080 | | CHIP CAP 1000P | C962 | 87-010-401-080 | | CAP, ELECT 1-50V<EXCEPT 350LH> |
| C725 | 87-010-178-080 | | CHIP CAP 1000P | CF801 | 87-008-261-010 | | FILTER, SFE10.7MA5-A<350LH> |
| C727 | 87-010-196-080 | | CHIP CAPACITOR, 0.1-25 | CF801 | 87-008-423-010 | | CERAMIC FILTER, SFE10.7 <EXCEPT 350LH> |
| C728 | 87-010-248-080 | | CAP, ELECT 220-10V | CF802 | 87-008-261-010 | | FILTER, SFE10.7MA5-A<350LH> |
| C740 | 87-010-197-080 | | CAP, CHIP 0.01 DM | CF802 | 82-785-747-010 | | CF MS2 GHY R<EXCEPT 350LH> |
| C756 | 87-010-197-080 | | CAP, CHIP 0.01 DM | AF651 | 87-035-192-010 | | FUSE, 4AT |
| C757 | 87-010-318-080 | | C-CAP, S 47P-50 CH | FB601 | 87-003-216-080 | | F-BEAD, BLO1RM1 |
| C758 | 87-010-149-080 | | C-CAP, S 5P-50 CH | FB602 | 87-003-216-080 | | F-BEAD, BLO1RM1 |
| C762 | 87-010-197-080 | | CAP, CHIP 0.01 DM | FB603 | 87-003-216-080 | | F-BEAD, BLO1RM1 |
| C763 | 87-010-194-080 | | CAP, CHIP 0.047 | FB604 | 87-003-216-080 | | F-BEAD, BLO1RM1 |
| C764 | 87-010-319-080 | | C-CAP, S 56P-50 CH<350LH, 350K> | AF651 | A8-8ZA-193-070 | | 8ZA-1 YFEUNC<350LH, 350K> |
| C765 | 87-010-197-080 | | CAP, CHIP 0.01 DM | PF6801 | A8-6ZA-19C-170 | | 6ZA-1 YFEUNC<352EZ, 358EZ> |
| C767 | 87-010-405-080 | | CAP, ELECT 10-50V | J601 | 88-CL5-609-010 | | TERMINAL, SP 4P |
| C768 | 87-010-197-080 | | CAP, CHIP 0.01 DM | J602 | 88-CL5-608-010 | | JACK, 3.6 S W/SW |
| C769 | 87-010-408-080 | | CAP, ELECT 47-50V | J603 | 88-CL5-607-010 | | JACK, PIN 2P |
| C770 | 87-010-194-080 | | CAP, CHIP 0.047 | J651 | 87-099-608-010 | | JACK, DC HEC3800 |
| C771 | 87-010-407-080 | | CAP, ELECT 33-50V | J801 | 87-033-239-010 | | TERMINAL, HSP-154V-2<350LH> |
| C772 | 87-010-194-080 | | CAP, CHIP 0.047 | J801 | 87-033-241-010 | | TERMINAL, ANT AJ-2039 <EXCEPT 350LH> |
| C773 | 87-010-196-080 | | CHIP CAPACITOR, 0.1-25 | L451 | 87-007-342-010 | | COIL, OSC 85K BIAS |
| C774 | 87-010-263-080 | | CAP, ELECT 100-10V | L601 | 87-005-366-010 | | COIL, 1UH<352EZ, 358EZ> |
| C775 | 87-010-404-080 | | CAP, ELECT 4.7-50V | L602 | 87-005-366-010 | | COIL, 1UH<352EZ, 358EZ> |
| C776 | 87-010-197-080 | | CAP, CHIP 0.01 DM | L603 | 87-005-366-010 | | COIL, 1UH<352EZ, 358EZ> |
| C777 | 87-010-400-080 | | CAP, ELECT 0.47-50V | L604 | 87-005-366-010 | | COIL, 1UH<352EZ, 358EZ> |
| C778 | 87-010-401-080 | | CAP, ELECT 1-50V | L771 | 87-A50-266-010 | | COIL, FM DET-2N(TOK) |
| C779 | 87-010-401-080 | | CAP, ELECT 1-50V | L773 | 87-A90-733-010 | | FLTR, PCFAZH-450 (TOK) |
| C780 | 87-010-196-080 | | CHIP CAPACITOR, 0.1-25 | L781 | 87-005-847-080 | | COIL, 2.2UH(CXCS) |
| C781 | 87-010-405-080 | | CAP, ELECT 10-50V | L832 | 87-005-847-080 | | COIL, 2.2UH(CXCS) |
| C782 | 87-010-405-080 | | CAP, ELECT 10-50V | L851 | 87-005-847-080 | | COIL, 2.2UH(CXCS)<352EZ, 358EZ> |
| C783 | 87-010-197-080 | | CAP, CHIP 0.01 DM | L941 | 87-A50-020-010 | | COIL, ANT LW(COI)<EXCEPT 350LH> |
| C784 | 87-010-197-080 | | CAP, CHIP 0.01 DM | L942 | 87-A50-019-010 | | COIL, OSC LW(COI)<EXCEPT 350LH> |
| C785 | 87-010-403-080 | | CAP, ELECT 3.3-50V | L982 | 87-NF4-650-010 | | COIL, AM PACK 4N(TOK)<350LH> |
| C786 | 87-010-403-080 | | CAP, ELECT 3.3-50V | L982 | 87-NF4-651-010 | | COIL, AM PACK2N(TOM)<EXCEPT 350LH> |
| C789 | 87-010-186-080 | | CAP, CHIP 4700P | R561 | 87-025-329-080 | | RESISTOR, 1/4W 2.2 |
| C790 | 87-010-186-080 | | CAP, CHIP 4700P | R562 | 87-025-329-080 | | RESISTOR, 1/4W 2.2 |
| C791 | 87-010-405-080 | | CAP, ELECT 10-50V | R567 | 87-025-329-080 | | RESISTOR, 1/4W 2.2 |
| C793 | 87-010-177-080 | | C-CAP, S 820P-50 SL | R568 | 87-025-329-080 | | RESISTOR, 1/4W 2.2 |
| C794 | 87-010-406-080 | | CAP, ELECT 22-50 | TC942 | 87-011-221-080 | | CAP, TRIMMER 30P<EXCEPT 350LH> |
| C795 | 87-010-596-080 | | CAP, S 0.047-16 | X721 | 87-A70-061-010 | | VIB, XTAL 4.500MHZ CSA-309 |
| C796 | 87-010-403-080 | | CAP, ELECT 3.3-50V | X851 | 87-A70-091-010 | | VIB, XTAL 4.332MHZ CSA-309 <352EZ, 358EZ> |
| C797 | 87-010-182-080 | | C-CAP, S 2200P-50 B | | | | |
| C798 | 87-010-182-080 | | C-CAP, S 2200P-50 B | | | | |
| C799 | 87-010-194-080 | | CAP, CHIP 0.047 | | | | |
| C812 | 87-010-197-080 | | CAP, CHIP 0.01 DM | | | | |
| C814 | 87-010-197-080 | | CAP, CHIP 0.01 DM | | | | |
| C820 | 87-010-408-080 | | CAP, ELECT 47-50V | | | | |
| C821 | 87-010-197-080 | | CAP, CHIP 0.01 DM | | | | |
| C822 | 87-010-197-080 | | CAP, CHIP 0.01 DM | | | | |
| C823 | 87-010-197-080 | | CAP, CHIP 0.01 DM | | | | |
| | | | | FRONT C.B | | | |
| | | | | C201 | 87-010-263-080 | | CAP, ELECT 100-10V |
| | | | | C202 | 87-010-370-040 | | CAP, E 330-6.3 SME |
| | | | | C203 | 87-010-197-080 | | CAP, CHIP 0.01 DM |

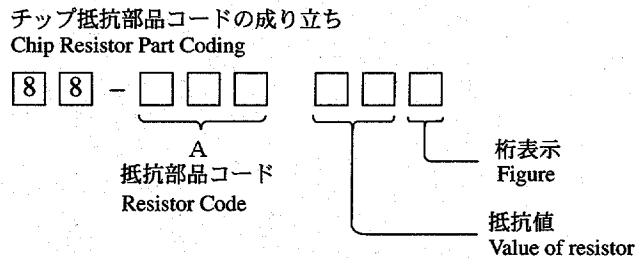
| REF. NO | PART NO. | KANRI NO. | DESCRIPTION |
|---------|----------------|-----------|-----------------------|
| C204 | 87-010-196-080 | | CHIP CAPACITOR,0.1-25 |
| C208 | 87-010-197-080 | | CAP, CHIP 0.01 DM |
| C210 | 87-010-196-080 | | CHIP CAPACITOR,0.1-25 |
| C211 | 87-010-400-080 | | CAP, ELECT 0.47-50V |
| C212 | 87-010-312-080 | | C-CAP,S 15P-50 CH |
| C213 | 87-010-320-080 | | CHIP CAP 68P |
| C214 | 87-010-316-080 | | C-CAP,S 33P-50 CH |
| C215 | 87-010-312-080 | | C-CAP,S 15P-50 CH |
| C216 | 87-010-314-080 | | C-CAP,S 22P-50V |
| C217 | 87-010-401-080 | | CAP, ELECT 1-50V |
| C218 | 87-010-197-080 | | CAP, CHIP 0.01 DM |
| C219 | 87-010-263-080 | | CAP, ELECT 100-10V |
| CN204 | 88-CL5-621-010 | | CONN ASSY,9P V DECK |
| L201 | 87-005-847-080 | | COIL, 2.2UH(CECS) |
| L202 | 87-005-847-080 | | COIL, 2.2UH(CECS) |
| LCD201 | 88-CL5-605-010 | | LCD,AIW4124-30PIN |
| S201 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S202 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S203 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S204 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S205 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S206 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S207 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S208 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S209 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S210 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S211 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S211 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S212 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S213 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S214 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S214 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S215 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S216 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S217 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S218 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| S219 | 87-A90-770-080 | | SW,TACT TRT134-L4.3 |
| X201 | 87-030-194-080 | | XTAL 32.768KHZ |
| X202 | 87-A70-070-080 | | VIB,CER 5.76MHZ CRHF |
| CD C.B | | | |
| C101 | 87-010-406-080 | | CAP, ELECT 22-50 |
| C102 | 87-010-178-080 | | CHIP CAP 1000P |
| C109 | 87-010-180-080 | | C-CAP 1500P-50B |
| C110 | 87-010-401-080 | | CAP, ELECT 1-50V |
| C113 | 87-010-263-080 | | CAP, ELECT 100-10V |
| C114 | 87-010-176-080 | | C-CAP,S 680P-50 SL |
| C116 | 87-010-178-080 | | CHIP CAP 1000P |
| C117 | 87-012-140-080 | | CAP 470P |
| C118 | 87-010-545-080 | | CAP,M 0.22-50 J |
| C120 | 87-010-406-080 | | CAP, ELECT 22-50 |
| C121 | 87-010-403-080 | | CAP, ELECT 3.3-50V |
| C122 | 87-010-186-080 | | CAP,CHIP 4700P |
| C123 | 87-010-147-080 | | C-CAP,S 3P-50 CH |
| C125 | 87-010-236-080 | | CAP,E 1000-10 SME |
| C126 | 87-010-313-080 | | CAP, CHIP 18P |
| C128 | 87-010-178-080 | | CHIP CAP 1000P |
| C129 | 87-010-380-080 | | CAP, ELECT 47-16V |
| C130 | 87-010-197-080 | | CAP, CHIP 0.01 DM |
| C131 | 87-010-263-080 | | CAP, ELECT 100-10V |
| C132 | 87-010-405-080 | | CAP, ELECT 10-50V |
| C133 | 87-010-401-080 | | CAP, ELECT 1-50V |
| C134 | 87-010-197-080 | | CAP, CHIP 0.01 DM |
| C136 | 87-010-263-080 | | CAP, ELECT 100-10V |
| C137 | 87-010-198-080 | | CAP, CHIP 0.022 |
| C138 | 87-010-762-080 | | CAP E220-10 BP |
| C139 | 87-010-197-080 | | CAP, CHIP 0.01 DM |
| C140 | 87-010-380-080 | | CAP, ELECT 47-16V |
| C141 | 87-010-196-080 | | CHIP CAPACITOR,0.1-25 |

| REF. NO | PART NO. | KANRI NO. | DESCRIPTION |
|-----------|----------------|-----------|---------------------------|
| C145 | 87-010-196-080 | | CHIP CAPACITOR,0.1-25 |
| C146 | 87-010-101-080 | | CAP, ELECT 220-16 |
| C148 | 87-010-314-080 | | C-CAP,S 22P-50V |
| C149 | 88-700-910-810 | | CAP,M 0.1-50 J |
| C150 | 87-010-314-080 | | C-CAP,S 22P-50V |
| C151 | 87-010-263-080 | | CAP, ELECT 100-10V |
| C153 | 87-010-196-080 | | CHIP CAPACITOR,0.1-25 |
| C154 | 87-010-196-080 | | CHIP CAPACITOR,0.1-25 |
| C155 | 87-010-196-080 | | CHIP CAPACITOR,0.1-25 |
| C156 | 87-010-196-080 | | CHIP CAPACITOR,0.1-25 |
| C157 | 87-010-196-080 | | CHIP CAPACITOR,0.1-25 |
| C158 | 87-010-263-080 | | CAP, ELECT 100-10V |
| C159 | 87-010-196-080 | | CHIP CAPACITOR,0.1-25 |
| C160 | 87-010-221-080 | | CAP, ELECT 470-10V |
| C161 | 87-010-196-080 | | CHIP CAPACITOR,0.1-25 |
| C164 | 87-010-405-080 | | CAP, ELECT 10-50V |
| C165 | 87-010-405-080 | | CAP, ELECT 10-50V |
| C166 | 87-012-154-080 | | C-CAP,S 150P-50 CH |
| C167 | 87-010-380-080 | | CAP, ELECT 47-16V<350LH> |
| C170 | 87-010-404-080 | | CAP, ELECT 4.7-50V |
| C172 | 87-010-182-080 | | C-CAP,S 2200P-50 B<350LH> |
| C173 | 87-010-182-080 | | C-CAP,S 2200P-50 B<350LH> |
| C175 | 87-010-404-080 | | CAP, ELECT 4.7-50V |
| C176 | 88-700-780-810 | | CAP,M 0.33-50 J LDS |
| C177 | 87-010-178-080 | | C-CAP,S 1000P-50 K B |
| C178 | 87-010-178-080 | | C-CAP,S 1000P-50 K B |
| C181 | 87-010-198-080 | | CAP, CHIP 0.022 |
| C182 | 87-010-263-080 | | CAP, ELECT 100-10V |
| C183 | 87-010-197-080 | | CAP, CHIP 0.01 DM |
| C184 | 87-010-380-080 | | CAP, ELECT 47-16V |
| C191 | 87-012-365-080 | | C-CAP,S 0.027-25VBK |
| C192 | 87-010-401-080 | | CAP, ELECT 1-50V |
| C194 | 87-010-196-080 | | CHIP CAPACITOR,0.1-25 |
| CN102 | 88-CL5-610-010 | | CONN ASSY,6P V |
| FB101 | 87-003-216-080 | | F-BEAD,BLO1RM1 |
| FB102 | 87-003-216-080 | | F-BEAD,BLO1RM1 |
| L113 | 87-005-847-080 | | COIL, 2.2UH(CECS) |
| L115 | 87-005-847-080 | | COIL, 2.2UH(CECS) |
| R150 | 87-029-370-010 | | RES,FUSE 2.2-1/2W |
| W101 | 88-CL5-611-010 | | FF-CABLE, 16P 1.0 |
| X101 | 81-592-641-010 | | CERAMIC FILTER, 16.93MHZ |
| LED C.B | | | |
| D945 | 87-CL5-602-010 | | LED,SLR342-MG3F |
| D946 | 87-CL5-602-010 | | LED,SLR342-MG3F |
| D946 | 87-CL5-602-010 | | LED,SLR342-MG3F |
| D947 | 87-CL5-602-010 | | LED,SLR342-MG3F |
| D948 | 87-CL5-602-010 | | LED,SLR342-MG3F |
| D949 | 87-CL5-602-010 | | LED,SLR342-MG3F |
| D950 | 87-CL5-602-010 | | LED,SLR342-MG3F |
| D951 | 87-CL5-602-010 | | LED,SLR342-MG3F |
| D952 | 87-CL5-602-010 | | LED,SLR342-MG3F |
| D953 | 87-CL5-602-010 | | LED,SLR342-MG3F |
| AC C.B | | | |
| MOTOR C.B | | | |
| M2 | 9X-262-513-210 | | SLED MOTOR ASSY |
| PIN3 | 91-564-722-110 | | CONNECTOR 6P |
| SW1 | 91-572-085-110 | | LEAF SW |
| DECK C.B | | | |
| CN1 | 87-009-352-019 | | CONN,9P H WHT PH |
| SFR1 | 87-024-581-019 | | SFR,3.3K H KVSP637A |
| SOL1 | 82-ZM1-634-010 | | SOL ASSY,23K |
| SW2 | 87-A90-248-019 | | SW,MICRO ESE11SH2CXQ |
| SW3 | 87-A90-248-019 | | SW,MICRO ESE11SH2CXQ |


| REF. NO | PART NO. | KANRI NO. | DESCRIPTION | REF. NO | PART NO. | KANRI NO. | DESCRIPTION |
|---------|----------------|-----------|-------------|-----------|----------------|-----------|--------------------|
| SW5 | 87-A90-248-019 | SW,MICRO | ESB11SH2CXQ | RELAY C.B | | | |
| SW6 | 87-A90-248-019 | SW,MICRO | ESB11SH2CXQ | CN351 | 88-CL5-613-010 | | CONN ASSY, 8P RPEH |

- コネクタについては、初回発注の扱いとはせず、受注後に業者へ発注し、供給致します。
- Regarding connectors, they are not stocked as they are not the initial order items.
The connectors are available after they are supplied from connector manufacturers upon the order is received.

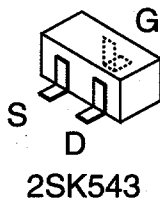
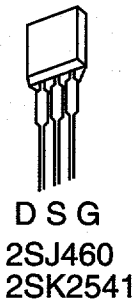
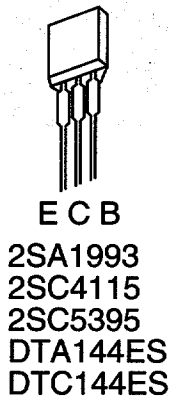
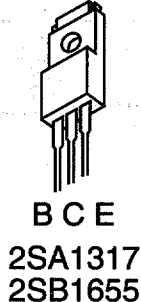
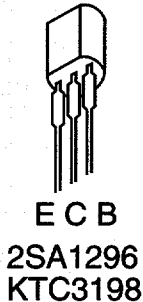
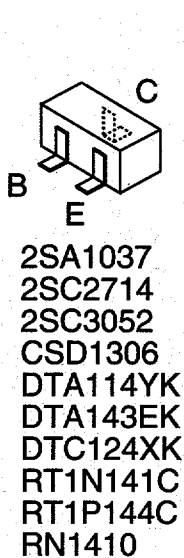
○ チップ抵抗部品コード / CHIP RESISTOR PART CODE

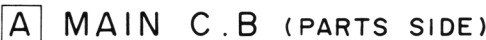


チップ抵抗
Chip resistor

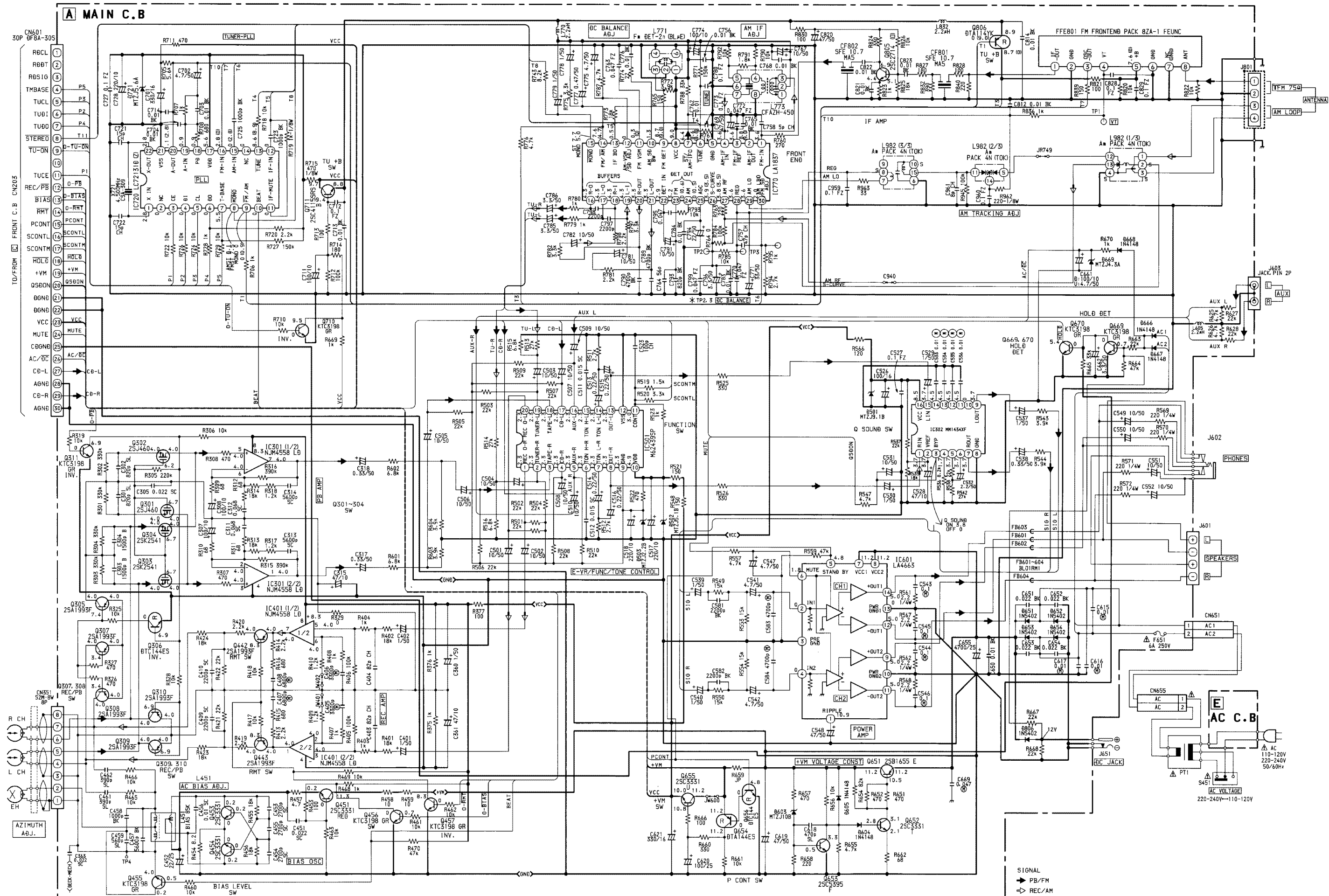
| 容量 Wattage | 種類 Type | 許容誤差 Tolerance | 記号 Symbol | 寸法 / Dimensions (mm) | | | | 抵抗コード : A Resistor Code : A |
|---------------|------------|-------------------|--------------|---|-----|------|------|--------------------------------|
| | | | | 外形 / Form | L | W | t | |
| 1/16W | 1608 | 5% | CJ |  | 1.6 | 0.8 | 0.45 | 108 |
| 1/10W | 2125 | 5% | CJ | | 2 | 1.25 | 0.45 | 118 |
| 1/8W | 3216 | 5% | CJ | | 3.2 | 1.6 | 0.55 | 128 |

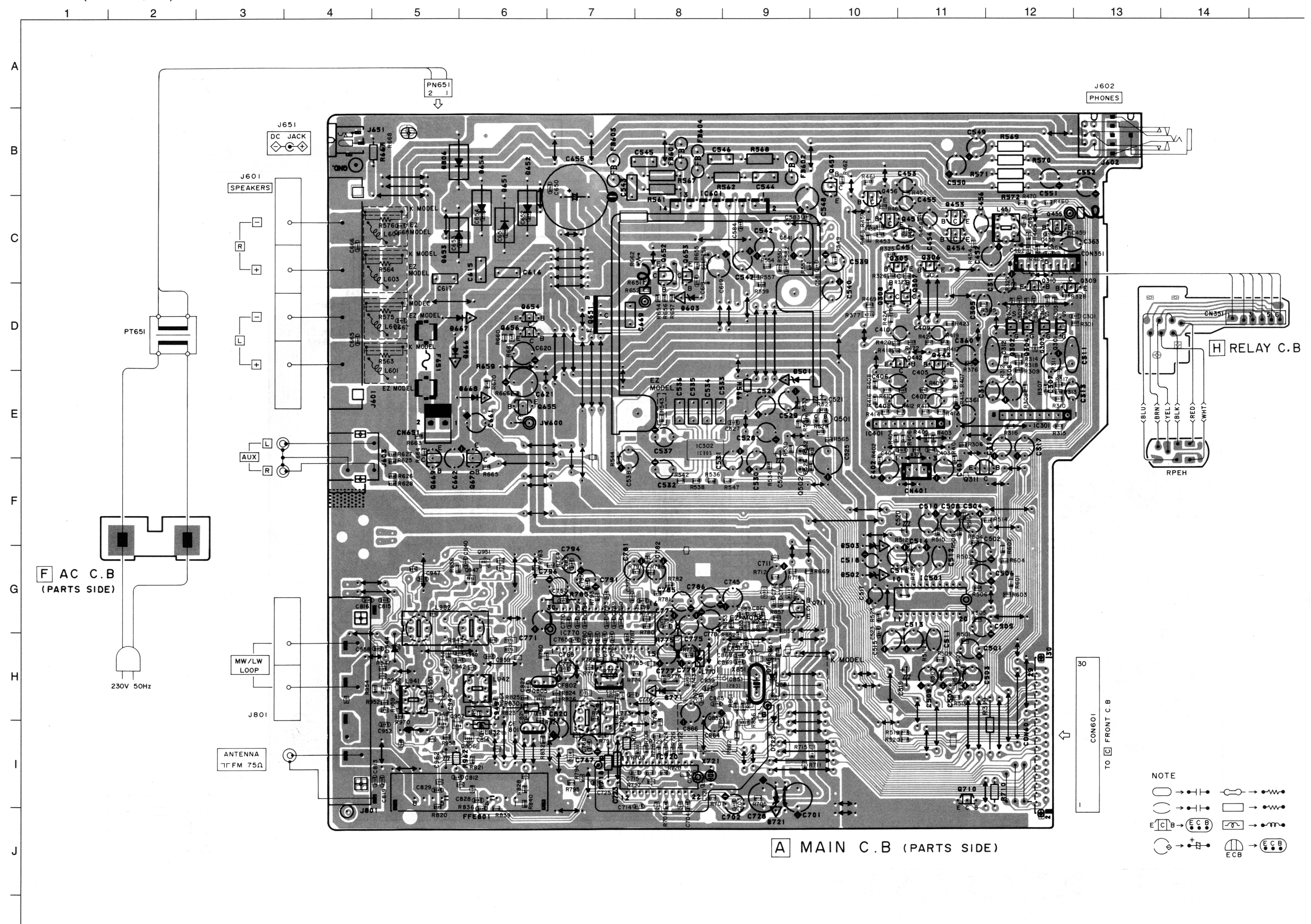
TRANSISTOR ILLUSTRATION

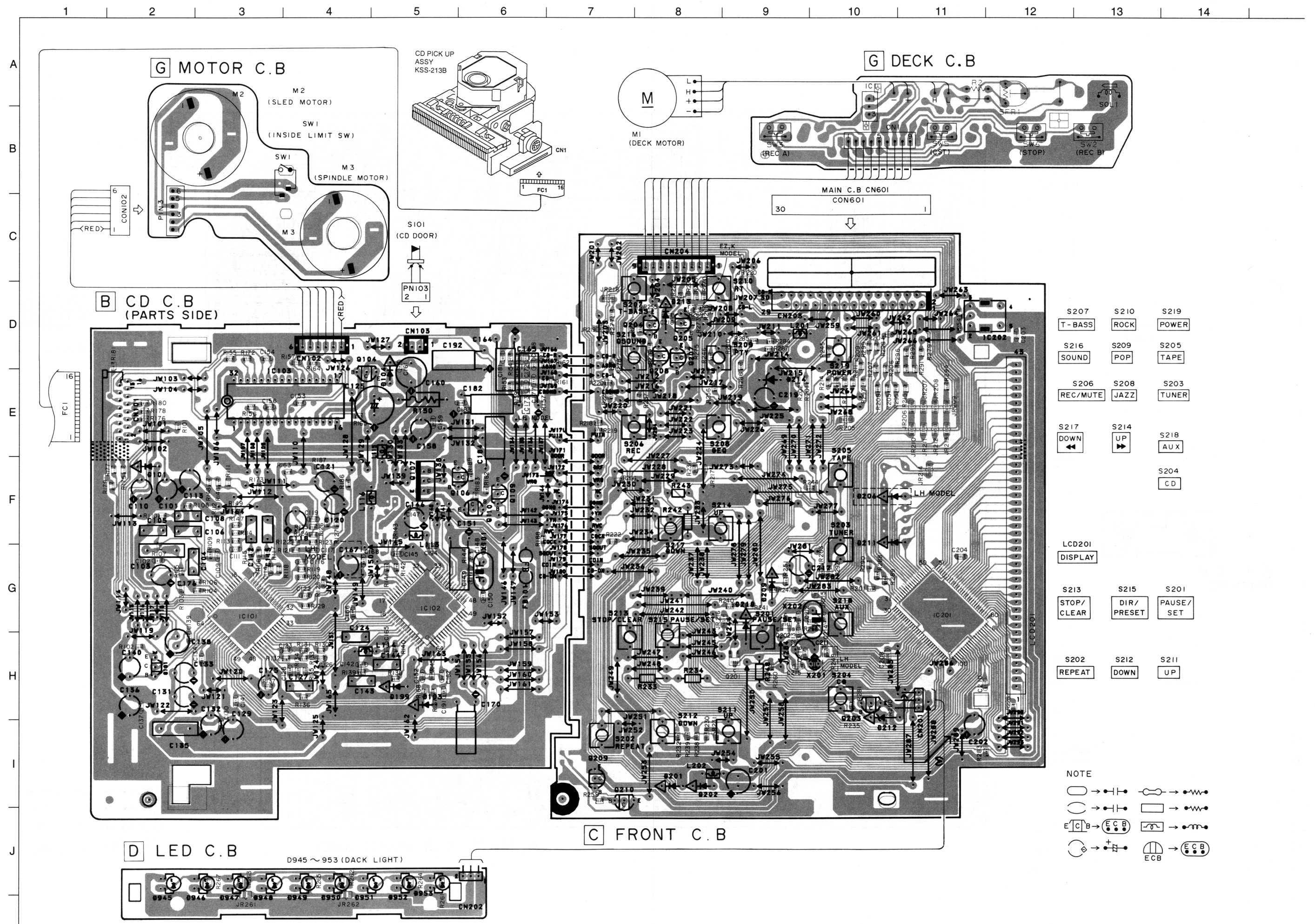




SCHEMATIC DIAGRAM-1 (MAIN: LH)





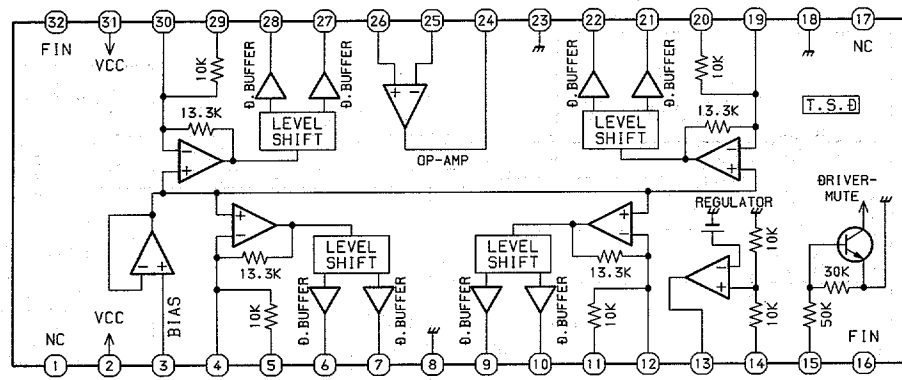


C FRONT C.B.



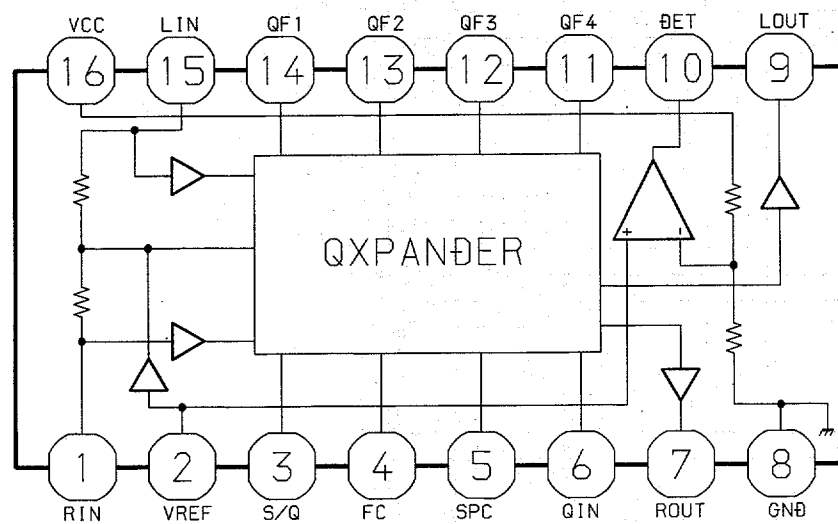
IC BLOCK DIAGRAM

IC, BA6898S

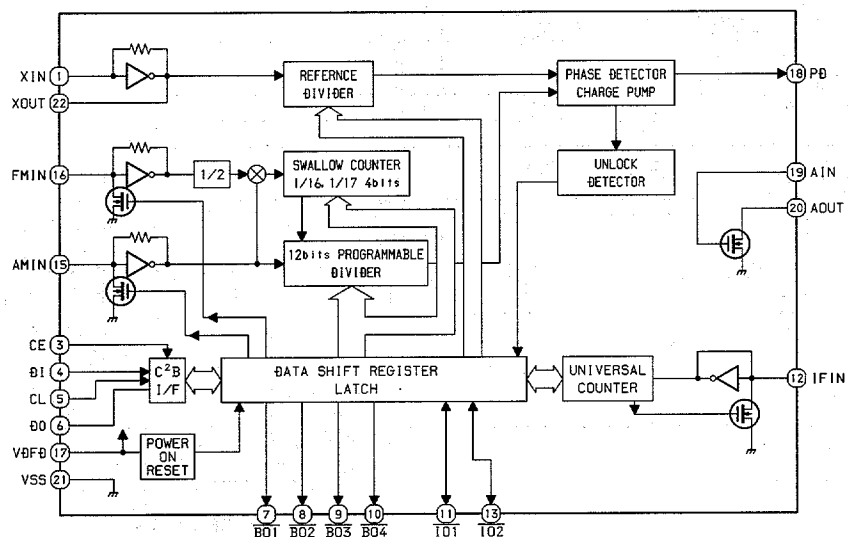


T.S.Θ: Thermal shift down circuit
 Ø.BUFFER: Drive Buffer

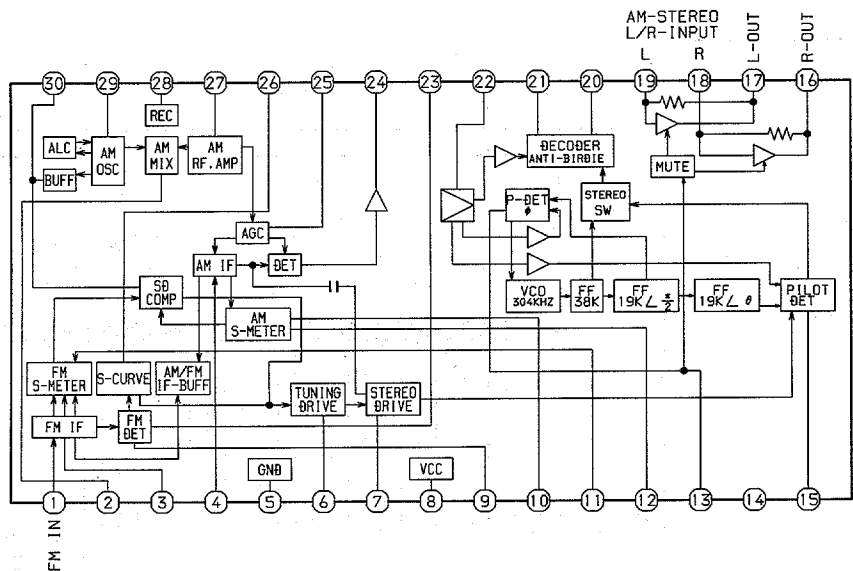
IC, MM1434XF



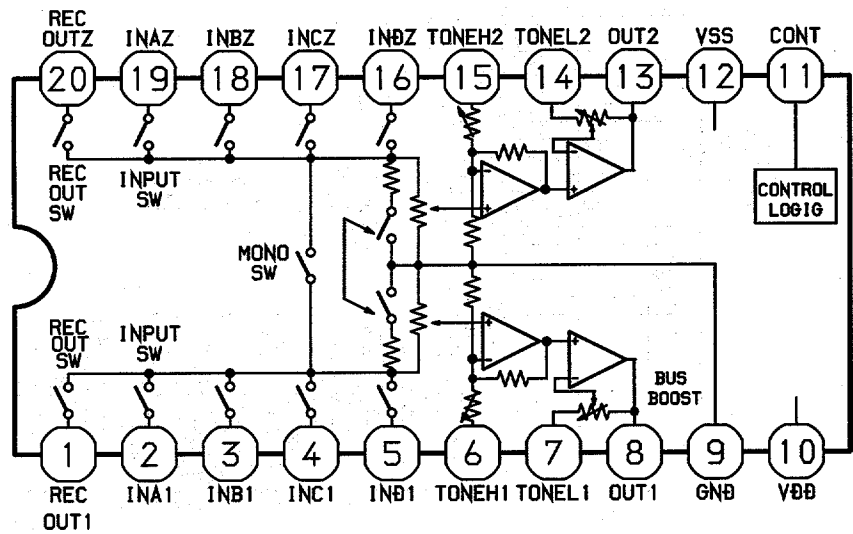
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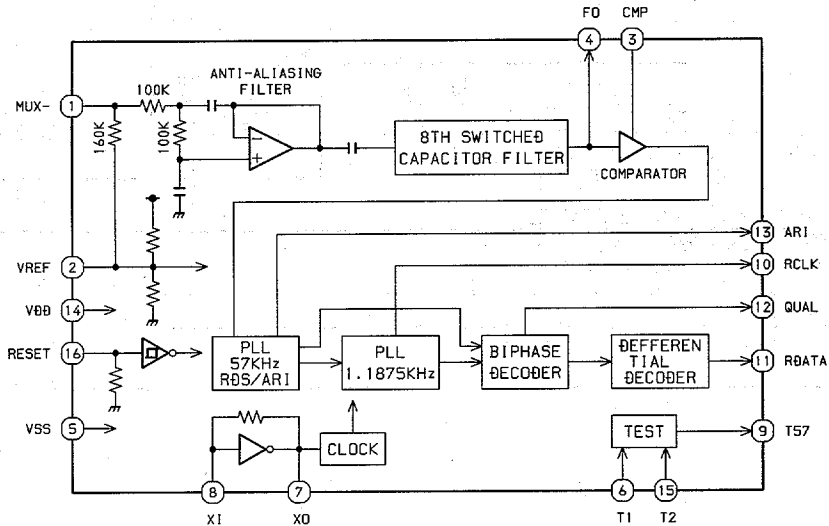
IC, LA1837



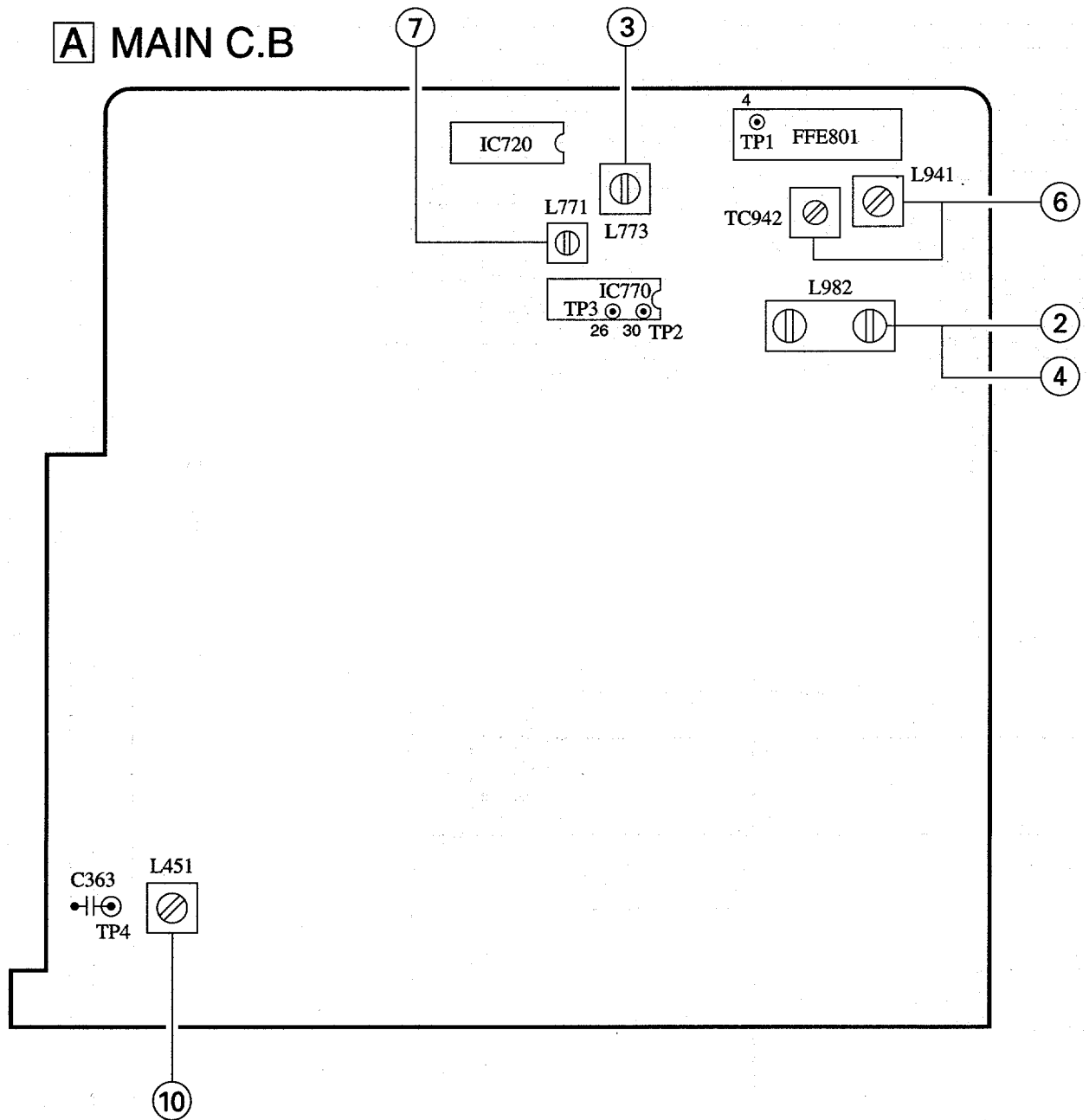
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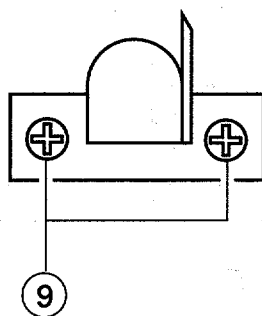
IC, BU1920FS



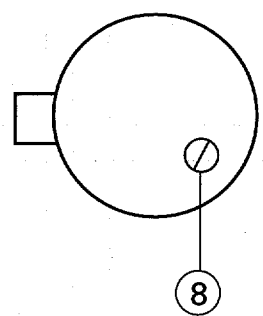
ELECTRICAL ADJUSTMENT



RPEH



M1



< TUNER SECTION >

1. AM VT Check (LH MODEL)
Settings: • Test point: TP1
Method: Set to AM 530kHz check that the test point becomes $1.3 \pm 0.1V$.
2. MW Tracking Adjustment (K, EZ MODELS)
L982 603kHz
3. AM (MW) IF Adjustment
L773 450kHz
4. AM Tracking Adjustment (LH MODEL)
L982 600kHz
5. FM VT Check
Settings: • Test point: TP1
Method: Set to FM 87.5MHz check that the test point is $4.0 \pm 0.1V$.
6. LW Tracking Adjustment (K, EZ MODELS)
L941 144kHz
TC942 290kHz
7. DC Balance/MONO Distortion Adjustment
Settings: • Test point: TP2, TP3
• Adjustment location: L771
• Input level: 60dB
Method: Set to FM 98.0MHz and adjust L771 so that the voltage between TP2 and TP3 becomes $0V \pm 20mV$.

< TAPE SECTION >

8. Tape speed Adjustment
Settings: • Test tape: TTA-100
• Adjustment location: SFR of deck motor.
Method: Play back the test tape with DECK1 and adjust SFR of deck motor so that the output frequency is 3000Hz.
9. Azimuth Adjustment
Settings: • Test tape: TTA-320
• Adjustment location: Head azimuth adjustment screw
Method: Play back the 8kHz signal of the test tape and adjust screw so that the output becomes maximum. Next, perform on each FWD PLAY and REV PLAY mode.
10. AC Bias Adjustment
Settings: • Test tape: TTA-602
• Test point: TP4
• Adjustment location: L451
Method: Set up the recording mode. Adjust L451 so that the TP4 becomes $56 \pm 1kHz$.

PRACTICAL SERVICE FIGURE

< TUNER SECTION >

< FM SECTION >

| | |
|-------------------------|-----------------------------------|
| IHF Sensitivity: | 15dB \pm 5dB (at 90MHz) |
| (THD 3%) | 14dB \pm 5dB (at 98.0/108.0MHz) |
| Signal to noise ratio: | More than 50dB |
| (Input 54dB) | (at 98.0MHz) |
| Distortion: | Less than 2.0% |
| (Input 54dB) | (at 98.0MHz) |
| Auto stop level: | 25 \pm 10dB (at 98.0MHz) |
| Stereo separation: | More than 25dB (at 98.0MHz) |
| Intermediate frequency: | 10.7MHz |

< AM SECTION > (LH MODEL)

| | |
|-------------------------|-----------------------------|
| Sensitivity: | 46dB \pm 5dB (at 600kHz) |
| (S/N 10dB) | 44dB \pm 5dB (at 999kHz) |
| | 42dB \pm 5dB (at 1404kHz) |
| Signal to noise ratio: | More than 38dB |
| (Input 74dB) | (at 1000kHz) |
| Distortion: | Less than 4.0% |
| (Input 74dB) | (at 1000kHz) |
| Auto stop level: | 35-60dB (at 1000kHz) |
| Intermediate frequency: | 450kHz |

< MW SECTION > (K, EZ MODELS)

| | |
|--------------|-----------------------------|
| Sensitivity: | 46dB \pm 5dB (at 603kHz) |
| (S/N 10dB) | 44dB \pm 5dB (at 999kHz) |
| | 42dB \pm 5dB (at 1404kHz) |

| | |
|-------------------------|---------------------|
| Signal to noise ratio: | More than 38dB |
| (Input 74dB) | (at 999kHz) |
| Distortion: | Less than 2.0% |
| (Input 74dB) | (at 999kHz) |
| Auto stop level: | 35-60dB (at 999kHz) |
| Intermediate frequency: | 450kHz |

< LW SECTION > (K, EZ MODELS)

| | |
|-------------------------|----------------------------|
| Sensitivity: | 58 \pm 5dB (at 160kHz) |
| | 55 \pm 5dB (at 200kHz) |
| | 52 \pm 5dB (at 280kHz) |
| Signal to noise ratio: | More than 25dB (at 198kHz) |
| Intermediate frequency: | 450kHz |

< DECK SECTION >

| | |
|------------------------|-------------------------|
| Tape speed: | 3000Hz \pm 3%/-2% |
| Wow & flutter: | Less than 0.35% |
| | (JIS, R.M.S) |
| Distortion: | Less than 3.0% (PB) |
| | Less than 7.0% (REC) |
| Signal to noise ratio: | More than 40dB (PB) |
| | More than 35dB (REC/PB) |
| Erasing ratio: | More than 55dB |
| Cross talk: | More than 50dB |
| Separation: | More than 35dB |

IC DESCRIPTION

IC, LC867248A

| Pin No. | Pin Name | I/O | Description |
|---------|----------|-----|---|
| 1 | O-SCONTM | O | M62439SP control. |
| 2 | O-SCONTL | O | |
| 3 | O-TUDI | O | Tuner control. |
| 4 | I-TUDO | I | Tuner control. |
| 5 | O-TUCL | O | Tuner control. |
| 6 | O-COIN | O | CD control. |
| 7 | I-SQOUT | I | CD control. |
| 8 | O-CQCK | O | CD control. |
| 9 | O-RWC | O | |
| 10 | O-CLKSFT | O | Clock shift output. "L" during shift. |
| 11 | I-TMBASE | I | 8 Hz time base input. |
| 12 | I-RESET | I | Reset input. |
| 13, 14 | XT1, XT2 | I/O | Sub clock input/output 32.768kHz. |
| 15 | VSS1 | — | GND. |
| 16, 17 | CF1, CF2 | I/O | Main clock input/output 5.76 MHz. |
| 18 | VDD1 | — | +5V. |
| 19 | I-KEY0 | I | KEY0 A/D input. |
| 20 | I-KEY1 | I | KEY1 A/D input. |
| 21 | I-RDSIG | I | RDS signal level input. (A/D input) |
| 22 | I-WRQ | I | CD control. |
| 23 | I-DRF | I | |
| 24 | I-DOOR | I | CD door SW detection SW input. "L" at CLOSE. |
| 25 | I-PUIN | I | CD pick-up detection SW input. "L" at ON. |
| 26 | I-SWTAPE | I | Tape detection SW input. (A/D input) |
| 27 | I-STEREO | I | Monaural/stereo indication selector input. "L" at stereo. |
| 28 | I-RDCL | I | RDS clock input. |
| 29 | I-REM | I | Remote control input. (fall-down edge interrupt input) |
| 30 | I-HOLD | I | Hold mode detection. "L" at hold mode. |
| 31 | I-RDDT | I | RDS data input. |
| 32 | I-TPREC | I | Tape REC detection input. "H" at REC. |
| 33 | I-TPPLAY | I | Tape PLAY detection input. "H" at PLAY. |
| 34 | O-MOTOR | O | Mechanism deck motor ON/OFF output. "H" at ON. |
| 35 | O-PL | O | Mechanism deck plunger solenoid ON/OFF output. "H" at ON. |
| 36-38 | NC | O | Not used. |
| 39-55 | S9-S25 | O | LCD SEG terminal Initial setting output. (S10 to S16) |
| 56 | VDD2 | — | +5V. |
| 57 | VSS2 | — | GND. |
| 58-79 | S26-S47 | O | LCD SEG terminal . |
| 80 | I-CLKDSP | I | Watch indication select input "L": 12H. "H": 24H. |
| 81 | I-AS | I | Auto stop. counter input . |
| 82 | I-STOP | I | Tape stop input. |

| Pin No. | Pin Name | I/O | Description |
|---------|-----------|-----|--------------------------------------|
| 83-86 | COM0-COM3 | O | LCD common output. |
| 87 | I-INIT | I | Initial setting input. |
| 88 | I-AC/DC | I | AC/DC detection input. "L" at DC. |
| 89 | VSS3 | — | GND. |
| 90 | VDD3 | — | 5V. |
| 91 | O-QSDON | O | Q sound ON/OFF output. "H" at ON. |
| 92 | O-TUCE | O | Tuner chip enable output. |
| 93 | O-CD-ON | O | "H" output during CD function. |
| 94 | O-TU-ON | O | "H" output during TU function. |
| 95 | O-RMT | O | REC mute output. "H" during mute. |
| 96 | O-REC/PB | O | REC/PB select output. "H" during PB. |
| 97 | O-MUTE | O | Mute output. "H" during mute. |
| 98 | O-PCONT | O | Power control output. "H" at ON. |
| 99 | O-BIAS | O | REC bias ON/OFF output. "H" at ON. |
| 100 | NC | O | Not used. |

IC, LA9241ML

| Pin No. | Pin Name | I/O | Description |
|---------|----------|-----|---|
| 1 | FIN2 | I | Pin to which external pickup photo diode is connected. RF signal is created by adding with the FIN1 pin signal. FE signal is created by subtracting from the FIN1 pin signal. |
| 2 | FIN1 | I | Pin to which external pickup photo diode is connected. |
| 3 | E | I | Pin to which external pickup photo diode is connected. TE signal is created by subtracting from the F pin signal. |
| 4 | F | I | Pin to which external pickup photo diode is connected. |
| 5 | TB | I | DC component of the TE signal is input. |
| 6 | TE– | I | Pin to which external resistor setting the TE signal gain is connected between the TE pin. |
| 7 | TE | O | TE signal output pin. |
| 8 | TESI | I | TES “Track Error Sense” comparator input pin. TE signal is passed through a band-pass filter then input. |
| 9 | SCI | I | Shock detection signal input pin. |
| 10 | TH | I | Tracking gain time constant setting pin. |
| 11 | TA | O | TA amplifier output pin. |
| 12 | TD– | I | Pin to which external tracking phase compensation constants are connected between the TD and VR pins. |
| 13 | TD | I | Tracking phase compensation setting pin. |
| 14 | JP | I | Tracking jump signal (kick pulse) amplitude setting pin. |
| 15 | TO | O | Tracking control signal output pin. |
| 16 | FD | O | Focusing control signal output pin. |
| 17 | FD– | I | Pin to which external focusing phase compensation constants are connected between the FD and FA pins. |
| 18 | FA | I | Pin to which external focusing phase compensation constants are connected between the FD– and FA– pins. |
| 19 | FA– | I | Pin to which external focusing phase compensation constants are connected between the FA and FE pins. |
| 20 | FE | O | FE signal output pin. |
| 21 | FE– | I | Pin to which external FE signal gain setting resistor is connected between the FE pin. |
| 22 | AGND | — | Analog signal GND. |
| 23 | NC | — | No connection. |
| 24 | SP | O | Single ended output of the CV+ and CV– pin input signal. |
| 25 | SPG | I | Pin to which external spindle gain setting resistor in 12 cm mode is connected. |
| 26 | SP– | I | Pin to which external spindle phase compensation constants are connected together with SPD pin. |
| 27 | SPD | O | Spindle control signal output pin. |
| 28 | SLEQ | I | Pin to which external sled phase compensation constants are connected. |
| 29 | SLD | O | Sled control signal output pin. |
| 30, 31 | SL–, SL+ | I | Sled advance signal input pin from microprocessor. |
| 32, 33 | JP–, JP+ | I | Tracking jump signal input pin from DSP. |
| 34 | TGL | I | Tracking gain control signal input from DSP. Low gain when TGL = H. |
| 35 | TOFF | I | Tracking off control signal input pin from DSP. Off when TOFF = H. |

| Pin No. | Pin Name | I/O | Description |
|---------|----------|-----|--|
| 36 | TES | O | Pin from which TES signal is output to DSP. |
| 37 | HFL | O | “High Frequency Level” is used to judge whether the main beam position is on top of bit or on top of mirror. |
| 38 | SLOF | I | Sled servo off control input pin. |
| 39, 40 | CV-, CV+ | I | CLV error signal input pin from DSP. |
| 41 | RFSM | O | RF output pin. |
| 42 | RFS- | I | RF gain setting and EFM signal 3T compensation constant setting pin together with RFSM pin. |
| 43 | SLC | O | “Slice Level Control” is the output pin which controls the RF signal data slice level by DSP. |
| 44 | SLI | I | Input pin which control the data slice level by the DSP. |
| 45 | DGND | — | Digital system GND. |
| 46 | FSC | O | Output pin to which external focus search smoothing capacitor is connected. |
| 47 | TBC | I | “Tracking Balance Control” EF balance variable range setting pin. |
| 48 | NC | — | No connection. |
| 49 | DEF | O | Disc defect detector output pin. |
| 50 | CLK | I | Reference clock input pin. 4.23 MHz of the DSP is input. |
| 51 | CL | I | Microprocessor command clock input pin. |
| 52 | DAT | I | Microprocessor command data input pin. |
| 53 | CE | I | Microprocessor command chip enable input pin. |
| 54 | DRF | O | “Detect RF” RF level detector output. |
| 55 | FSS | I | “Focus Search Select” focus search mode (\pm search/+ search) select pin. |
| 56 | VCC2 | — | Servo system and digital system Vcc pin. |
| 57 | REFI | — | Pin to which external bypass capacitor for reference voltage is connected. |
| 58 | VR | O | Reference voltage output pin. |
| 59 | LF2 | I | Disc defect detector time constant setting pin. |
| 60 | PH1 | I | Pin to which external capacitor for RF signal peak holding is connected. |
| 61 | BH1 | I | Pin to which external capacitor for RF signal bottom holding is connected. |
| 62 | LDD | O | APC circuit output pin. |
| 63 | LDS | I | APC circuit input pin. |
| 64 | VCC1 | — | RF system Vcc pin. |

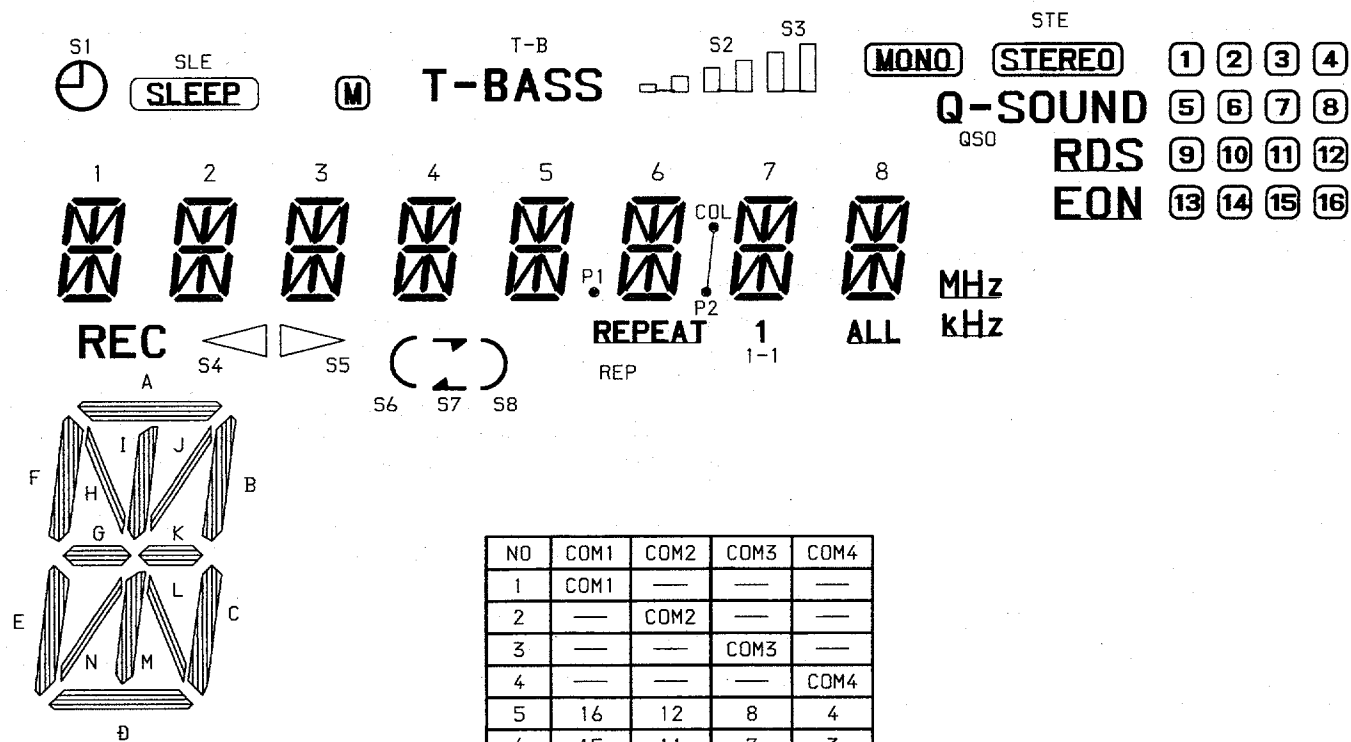
IC, LC78622E

| Pin No. | Pin Name | I/O | Description | |
|---------|--------------|-----|---|--|
| 1 | DEFI | I | Defect sense signal (DEF) input pin. (Connect to 0V when not used). | |
| 2 | TAI | I | For PLL. | Test signal input pin with built-in pull-down resistor. Be sure to connect to 0V. |
| 3 | PDO | O | | Phase comparator output pin to control external VCO. |
| 4 | VVSS | — | | GND pin for built-in VCO. Be sure to connect to 0V. |
| 5 | ISSET | I | | Pin to which external resistor adjusting the PDO output current. |
| 6 | VVDD | — | | Power supply pin for built-in VCO. |
| 7 | FR | I | | Pin for VCO frequency range adjustment. |
| 8 | VSS | — | Digital system GND. Be sure to connect to 0V. | |
| 9 | EFMO | O | For slice level control. | EFM signal output pin. |
| 10 | EFMIN | I | | EFM signal input pin. |
| 11 | TEST2 | I | Test signal input pin with built-in pull-down resistor. Be sure to connect to 0V. | |
| 12, 13 | CLV+, CLV- | O | Disc motor control output. Three level output is possible using command. | |
| 14 | V/P | O | Rough servo or phase control automatic selection monitoring output pin. Rough servo at H. Phase servo at L. | |
| 15 | HFL | I | Track detect signal input pin. Schmidt input. | |
| 16 | TES | I | Tracking error signal input pin. Schmidt input. | |
| 17 | TOFF | O | Tracking OFF output pin. | |
| 18 | TGL | O | Tracking gain selection output pin. Gain boost at L. | |
| 19, 20 | JP+, JP- | O | Track jump control signal output pin. Three level output is possible using command. | |
| 21 | PCK | O | EFM data playback clock monitoring pin 4.3218 MHz when phase is locked in. | |
| 22 | FSEQ | O | Sync signal detection output pin. H when the sync signal which is detected from EFM signal and the sync signal which is internally generated agree. | |
| 23 | VDD | — | Digital system power supply pin. | |
| 24-28 | SL+ - PUIN | I/O | General purpose input/output pin 1 to 5. | The pin is controlled by the serial data command from microprocessor. When the pin is not used, set the pin to the input terminal and connect to 0V, or alternately set the pin to output terminal and leave the pin open. |
| 29 | EMPH | O | De-emphasis monitor output pin. De-emphasis disc is being played back at H. | |
| 30 | C2F | O | C2 flag output pin. | |
| 31 | DOUT | O | DIGITAL OUT output pin. (EIAJ format). | |
| 32, 33 | TEST3, TEST4 | I | Test signal input pin with built-in pull-down resistor. Be sure to connect to 0V. | |
| 34 | N.C. | — | Not used. Set the pin to open. | |
| 35 | MUTEL | O | L-channel 1-bit DAC. | L-channel mute output pin. |
| 36 | LVDD | — | | L-channel power supply pin. |
| 37 | LCHO | O | | L-channel output pin. |
| 38 | LVSS | — | | L-channel GND. Be sure to connect to 0V. |
| 39 | RVSS | — | R-channel 1-bit DAC. | R-channel GND. Be sure to connect to 0V. |
| 40 | RCHO | O | | R-channel output pin. |
| 41 | RVDD | — | | R-channel power supply pin. |
| 42 | MUTER | O | | R-channel mute output pin. |

| Pin No. | Pin Name | I/O | Description |
|---------|--------------------------|-----|--|
| 43 | XVDD | — | Crystal oscillator power supply pin. |
| 44 | XOUT | O | Pin to which external 16.9344 MHz crystal oscillator is connected. |
| 45 | XIN | I | |
| 46 | XVSS | — | Crystal oscillator GND pin. Be sure to connect to 0V. |
| 47 | SBSY | O | Subcode block sync signal output pin. |
| 48 | EFLG | O | C1, C2, single and dual correction monitoring pin. |
| 49 | PW | O | Subcode P, Q, R, S, T, U and W output pin. |
| 50 | SFSY | O | Subcode frame sync signal output pin. Falls down when subcode enters standby. |
| 51 | SBCK | I | Subcode read clock input pin. Schmidt input. (Be sure to connected to 0V when not in use.) |
| 52 | FSX | O | Pin outputting the 7.35 kHz sync signal which is generated by dividing frequency of crystal oscillator. |
| 53 | WRQ | O | Subcode Q output standby output pin. |
| 54 | RWC | I | Read/write control input pin. Schmidt input. |
| 55 | SQOUT | O | Subcode Q output pin. |
| 56 | COIN | I | Command input pin from microprocessor. |
| 57 | $\overline{\text{CQCK}}$ | I | Command input read clock or subcode read input clock from SQOUT pin |
| 58 | RES | I | LC78622 reset input pin. Set this pin to L once when the main power is turned on. |
| 59 | TST11 | O | Test signal output pin. Use this pin as open (normally L output). |
| 60 | 16M | O | 16.9344 MHz output pin. |
| 61 | 4.2M | O | 4.2336 MHz output pin. |
| 62 | TEST5 | I | Test signal input pin with built-in pull-down resistor. Be sure to connect to 0V. |
| 63 | $\overline{\text{CS}}$ | I | Chip select signal input pin with built-in pull-down resistor. Be sure to connect to 0V while it is not controlling. |
| 64 | TEST1 | I | Test signal input pin without built-in pull-down resistor. Be sure to connect to 0V. |

Note: The same potential must be applied to the respective power supply terminals. (VDD, VVDD, LVDD, RVDD, XVDD)

LCD DISPLAY

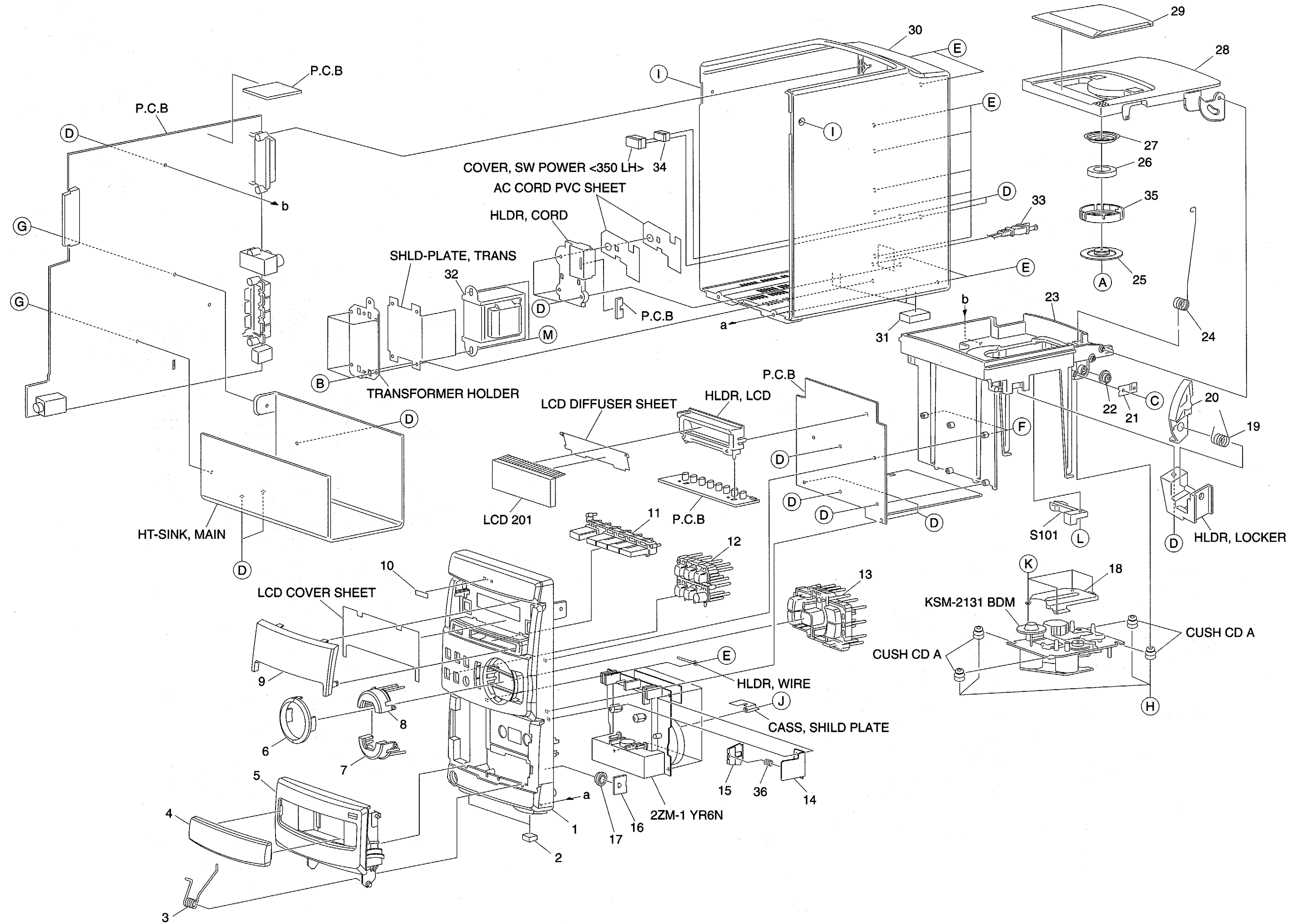


| NO | COM1 | COM2 | COM3 | COM4 |
|----|------|------|------|------|
| 1 | COM1 | — | — | — |
| 2 | — | COM2 | — | — |
| 3 | — | — | COM3 | — |
| 4 | — | — | — | COM4 |
| 5 | 16 | 12 | 8 | 4 |
| 6 | 15 | 11 | 7 | 3 |
| 7 | 14 | 10 | 6 | 2 |
| 8 | 13 | 9 | 5 | 1 |
| 9 | EQN | RDS | QSD | STE |
| 10 | ALL | KHz | MHz | 1-1 |
| 11 | 8L | 8C | 8B | MONO |
| 12 | 8M | 8K | 8J | 8A |
| 13 | 8N | 8G | 8H | 8I |
| 14 | 8Ø | 8E | 8F | REP |
| 15 | 7L | 7C | 7B | — |
| 16 | 7M | 7K | 7J | 7A |
| 17 | 7N | 7G | 7H | 7I |
| 18 | 7Ø | 7E | 7F | P2 |
| 19 | 6L | 6C | 6B | COL |
| 20 | 6M | 6K | 6J | 6A |
| 21 | 6N | 6G | 6H | 6I |
| 22 | 6Ø | 6E | 6F | — |
| 23 | P1 | S3 | S2 | T.B |
| 24 | 5L | 5C | 5B | S8 |
| 25 | 5M | 5K | 5J | 5A |
| 26 | 5N | 5G | 5H | 5I |
| 27 | 5Ø | 5E | 5F | S7 |
| 28 | 4L | 4C | 4B | — |
| 29 | 4M | 4K | 4J | 4A |
| 30 | 4N | 4G | 4H | 4I |
| 31 | 4Ø | 4E | 4F | S6 |
| 32 | 3L | 3C | 3B | M |
| 33 | 3M | 3K | 3J | 3A |
| 34 | 3N | 3G | 3H | 3I |
| 35 | 3Ø | 3E | 3F | S5 |
| 36 | 2L | 2C | 2B | SLE |
| 37 | 2M | 2K | 2J | 2A |
| 38 | 2N | 2G | 2H | 2I |
| 39 | 2Ø | 2E | 2F | S4 |
| 40 | 1L | 1C | 1B | S1 |
| 41 | 1M | 1K | 1J | 1A |
| 42 | 1N | 1G | 1H | 1I |
| 43 | 1Ø | 1E | 1F | REC |

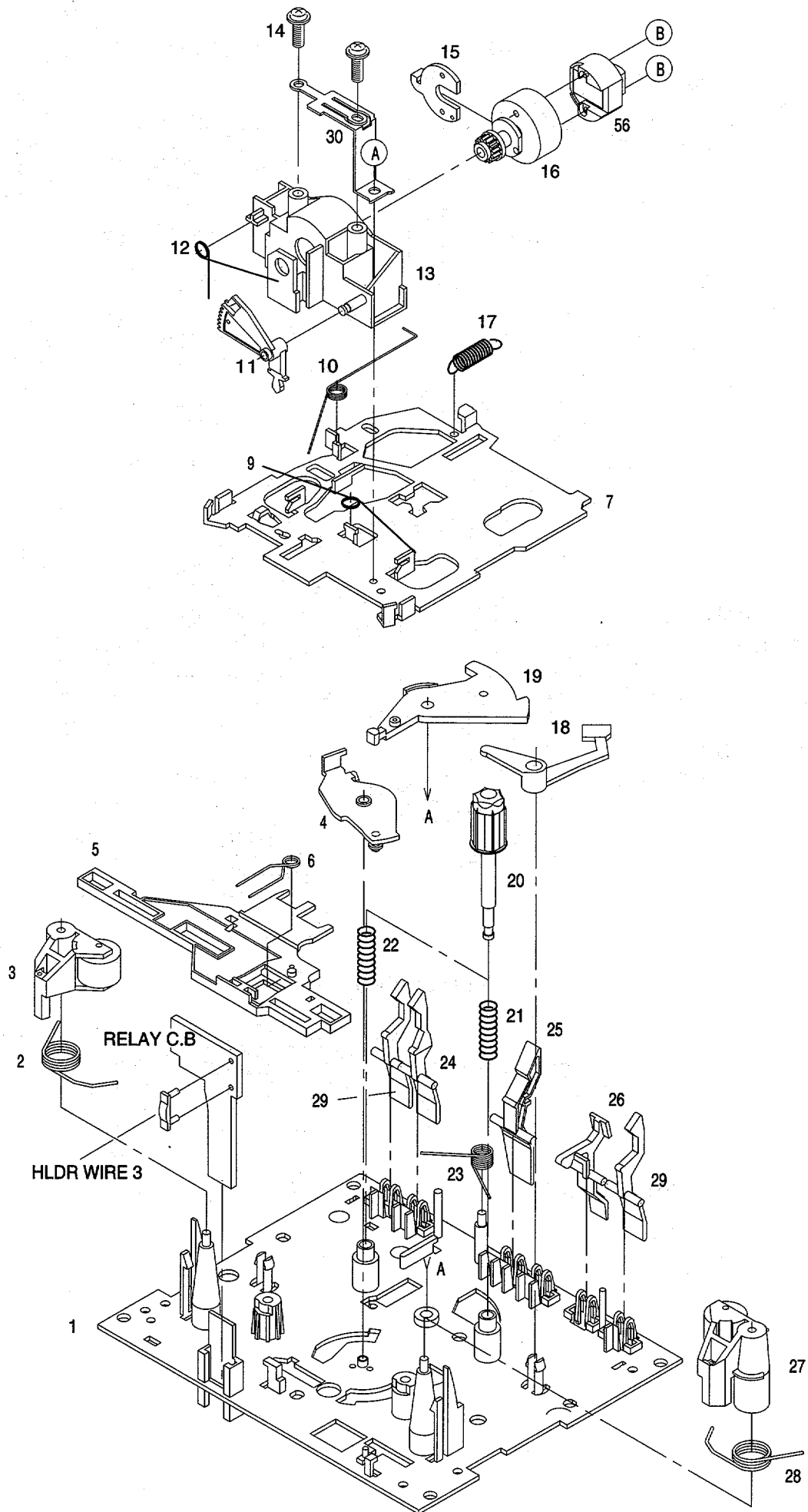
MECHANICAL PARTS LIST 1/1

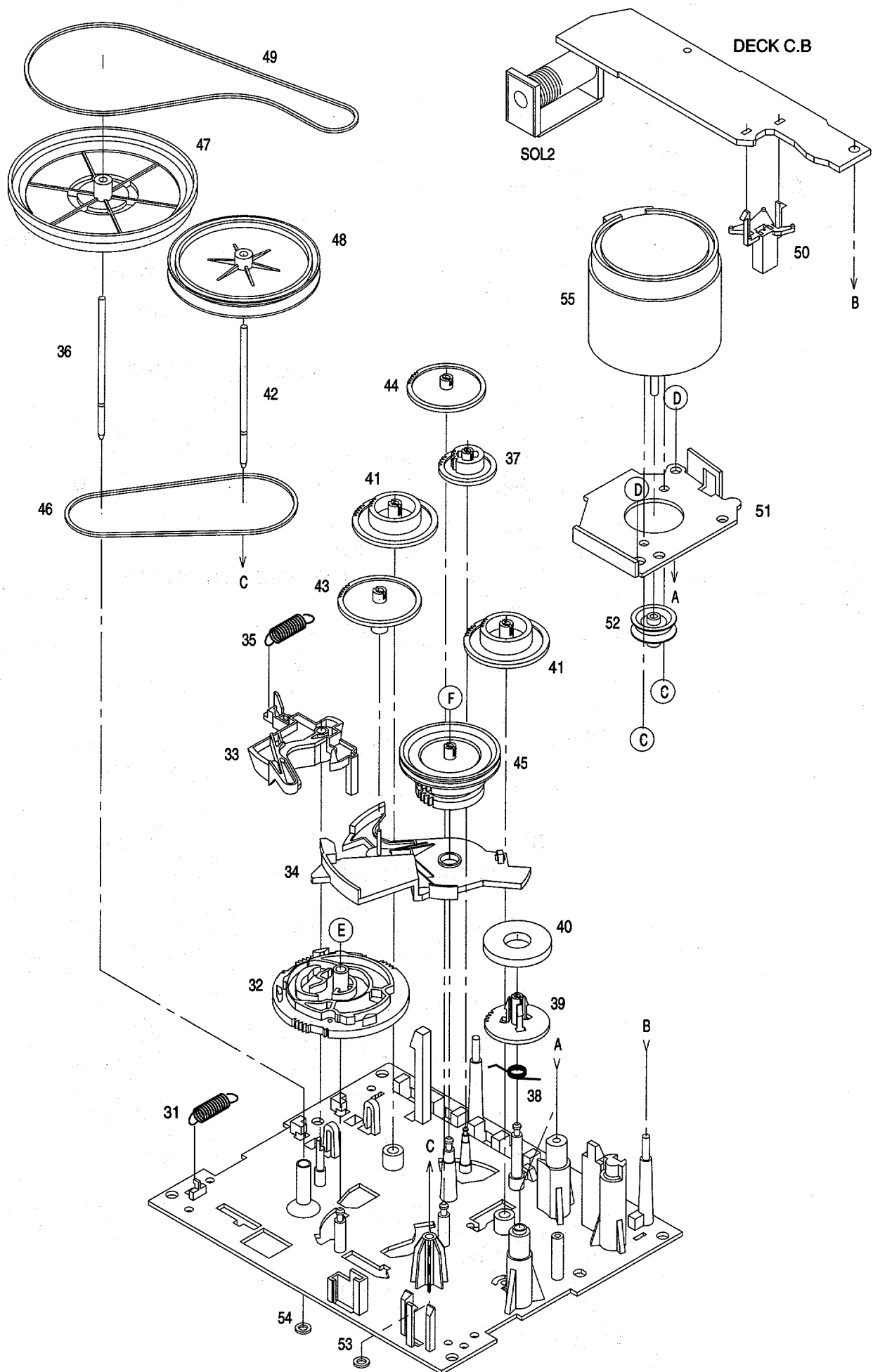
DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

| REF. NO | PART NO. | KANRI NO. | DESCRIPTION | REF. NO | PART NO. | KANRI NO. | DESCRIPTION |
|---------|----------------|-----------|----------------------------|---------|----------------|-----------|------------------------------|
| 1 | 88-CL5-018-010 | | CABI, FRONT EZ<352EZ> | 28 | 88-CL5-003-010 | | LID, CD<EXCEPT 358EZ> |
| 1 | 88-CLF-001-010 | | CABI, FRONT F<358EZ> | 28 | 88-CLF-004-010 | | LID, CD F<358EZ> |
| 1 | 88-CL5-017-010 | | CABI, FRONT U<350LH, 350K> | 29 | 88-CL5-004-010 | | WINDOW, CD |
| 2 | 86-CL9-017-010 | | FOOT, RBR | 30 | 88-CL5-002-010 | | CABI, REAR<350LH> |
| 3 | 82-NF5-219-010 | | SPR-T, EJECT 2 (SIN) | 30 | 88-CL5-023-010 | | CABI, REAR EZ<352EZ, 358EZ> |
| 4 | 88-CL5-011-010 | | WINDOW, CASS BOX | 30 | 88-CL5-024-010 | | CABI, REAR K<350K> |
| 5 | 88-CL5-010-010 | | BOX, CASS | 31 | 88-CL5-015-010 | | FOOT, |
| 6 | 88-CL5-009-010 | | RING, KEY | 32 | 88-CL5-637-010 | | PT, EZ<EXCEPT 350LH> |
| 7 | 88-CL5-021-010 | | KEY, STOP | 32 | 88-CL5-635-010 | | PT, H<350LH> |
| 8 | 88-CL5-020-010 | | KEY, DIR | 33 | 88-CL5-636-010 | | AC CORD ASSY, H<EXCEPT 350K> |
| 9 | 88-CL5-006-010 | | WINDOW, FRONT RANE L | 33 | 88-CL5-638-010 | | AC CORD ASSY, K<350K> |
| 10 | 81-CD1-032-010 | | BADGE, AIWA 30J | 34 | S8-024-310-000 | | SW, SLIDE 1P1T |
| 11 | 88-CL5-007-010 | | KEY, POWER/FUN | 35 | 87-CD4-227-010 | | PANEL, PLATE B |
| 12 | 88-CL5-008-010 | | KEY, EQ<350LH, 350K> | 36 | 82-ZM1-264-010 | | LVR, EJECT R |
| 12 | 88-CL5-043-010 | | KEY, RDS<352EZ, 358EZ> | A | 87-251-033-410 | | BH/MS 2X4 |
| 13 | 88-CL5-019-010 | | KEY, CONTROL | B | 87-481-097-410 | | WPH/TSM 3X12 |
| 14 | 88-CL5-202-010 | | HLDR, CASS LOCKE R | C | 87-741-094-410 | | BH/TS 3X6 |
| 15 | 88-CL5-203-010 | | LEVER, CASS LOCKE R | D | 87-741-095-410 | | BH/TS 3X8 |
| 16 | 84-CD5-216-010 | | BRACKET | E | 87-743-096-410 | | BH/TS 3X10 |
| 17 | 84-CD5-215-010 | | GEAR | F | 87-B10-159-010 | | BH/TS 3X18 |
| 18 | 87-CD4-045-010 | | COVER, CD MECHA | G | 87-078-150-010 | | RH/MS 3X6 |
| 19 | 82-NF5-228-010 | | SPR-C, LOCK | H | 81-CD5-204-010 | | CD SCREW 2X17 |
| 20 | 87-CD7-206-010 | | DOOR, CD LOCKER | I | 87-721-096-410 | | KH/TS 3X10 |
| 21 | 82-NF5-229-010 | | PLATE, LOCK | J | 87-351-549-310 | | PH/MS 2X4 |
| 22 | 87-CD7-210-010 | | GEAR, CD DOOR | K | 87-351-551-310 | | PH/TS 2X5 |
| 23 | 88-CL5-022-010 | | CHAS, CD BRACKET | L | 87-354-553-310 | | PH/TS 2X6 |
| 24 | 88-CL5-208-010 | | SPR-T, CD LID | M | 87-761-094-410 | | WPH/TSM 3X6 |
| 25 | 87-CD4-238-010 | | BASE, CHUCK | | | | |
| 26 | 87-036-368-010 | | MAGNET | | | | |
| 27 | 87-CD4-219-010 | | PLATE, MAGNET | | | | |



TAPE MECHANISM EXPLODED VIEW 1/1



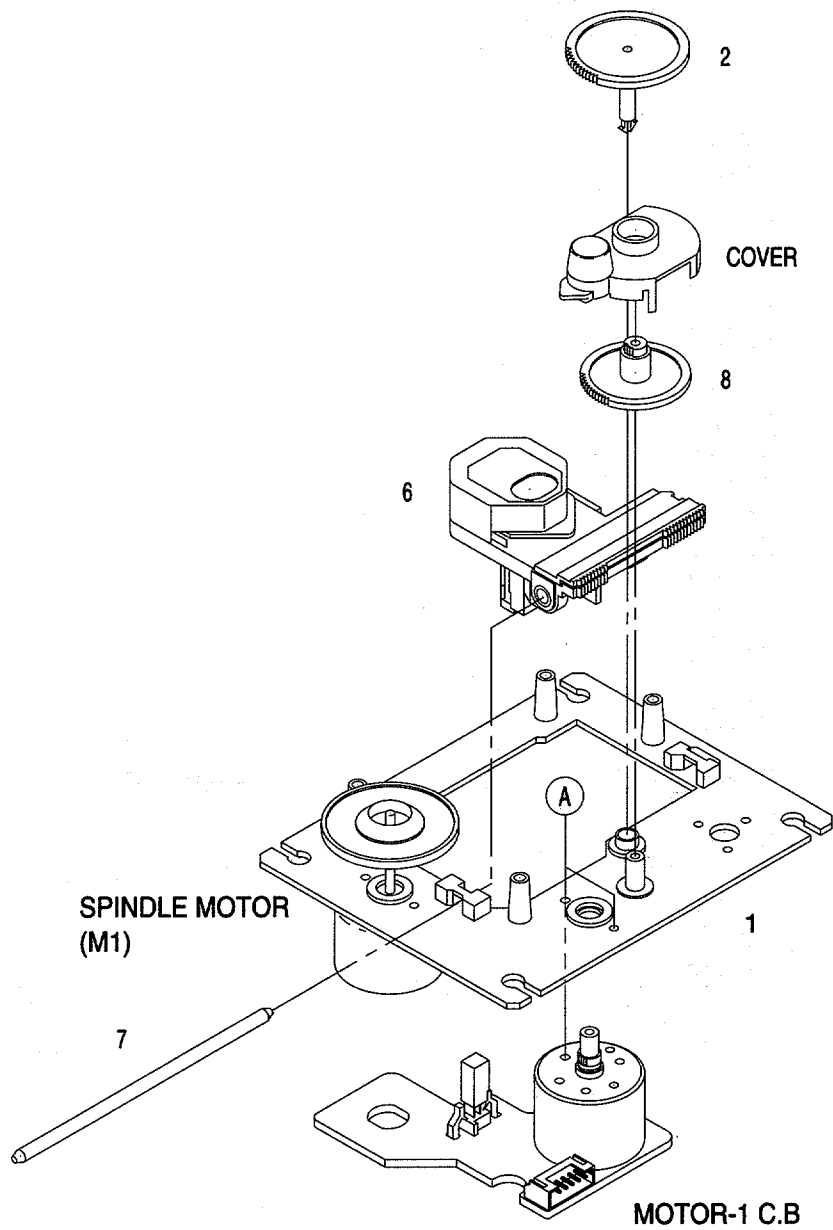


TAPE MECHANISM PARTS LIST 1/1

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

| REF. NO | PART NO. | KANRI NO. | DESCRIPTION | REF. NO | PART NO. | KANRI NO. | DESCRIPTION |
|---------|----------------|-----------|---------------------|---------|----------------|-----------|-----------------------------|
| 1 | 82-ZM1-327-210 | | CHAS ASSY, RN | 37 | 82-ZM1-223-010 | | GEAR, PLAY |
| 2 | 82-ZM1-258-010 | | SPR-T, PINCH L | 38 | 82-ZM1-322-010 | | SPR-T, FR 60 |
| 3 | 82-ZM1-341-010 | | LVR ASSY, PINCH L 2 | 39 | 82-ZM1-220-210 | | GEAR, IDLER |
| 4 | 82-ZM1-295-310 | | PLATE ASSY, LINK | 40 | 82-ZM1-316-010 | | RING MAGNET 3 |
| 5 | 82-ZM1-266-110 | | LVR, DIR | 41 | 82-ZM1-216-310 | | GEAR, REEL |
| 6 | 82-ZM1-214-010 | | SPR-T, DIR | 42 | 82-ZM1-236-010 | | CAPSTAN, 2-41.5 |
| 7 | 82-ZM1-206-810 | | CHAS, HEAD | 43 | 82-ZM1-225-010 | | GEAR, FR |
| 9 | 82-ZM1-269-210 | | SPR-T, BRG | 44 | 82-ZM1-226-010 | | GEAR, REW |
| 10 | 82-ZM3-323-010 | | SPR-T, LINK 3 | 45 | 82-ZM3-333-210 | | SLIP DISK ASSY 2 |
| 11 | 82-ZM1-210-110 | | GEAR, H T | 46 | 82-ZM1-338-010 | | BELT, FR 4 |
| 12 | 82-ZM1-213-010 | | SPR-T, HEAD | 47 | 82-ZM1-349-010 | | FLY-WHL, RH |
| 13 | 82-ZM1-207-610 | | GUIDE, TAPE | 48 | 82-ZM1-348-010 | | FLY-WHL, LW |
| 14 | 82-ZM1-283-310 | | S-SCREW, AZIMUTH | 49 | 82-ZM1-340-010 | | BEKT, SBU MAIN 2 |
| 15 | 82-ZM1-314-119 | | PLATE, HEAD | 50 | 82-ZM1-245-210 | | HLDR, IC |
| 16 | 82-ZM1-208-110 | | HLDR, HEAD | 51 | 82-ZM1-246-010 | | HLDR, MOTOR |
| 17 | 82-ZM1-218-010 | | SPR-E, HB | 52 | 82-ZM1-247-110 | | PULLEY, MOTOR |
| 18 | 82-ZM1-264-010 | | LVR, EJECT R | 53 | 82-ZM1-288-010 | | SH, 1.63-3.2-0.5 SLT |
| 19 | 82-ZM1-222-210 | | LVR, PLAY | 54 | 80-ZM6-243-010 | | SH, 1.75-3.6-0.5 SLT |
| 20 | 82-ZM1-217-310 | | REEL TABLE | 55 | 87-045-347-010 | | MOT, SHU 2L 70 (M1) |
| 21 | 82-ZM1-244-510 | | SPR-C, BT | 56 | 87-046-399-010 | | HEAD, RPH YK56R-BS409 (RPH) |
| 22 | 82-ZM1-285-410 | | SPR-C, BT L | A | 82-ZM1-315-010 | | S-SCREW, GUIDE TAPE |
| 23 | 82-ZM1-257-010 | | SPR-T, CAS | B | 80-ZM6-207-010 | | V+1.6-7 |
| 24 | 82-ZM1-241-310 | | LVR, MC | C | 87-251-070-410 | | U+2.6-3 |
| 25 | 82-ZM1-242-010 | | LVR, CAS | D | 87-741-073-410 | | UT2+2.6-6 GLD |
| 26 | 82-ZM1-243-010 | | LVR, STOP | E | 87-B10-008-010 | | PW, 2.15-6.8-0.4 SLT |
| 27 | 82-ZM1-344-010 | | LVR ASSY, PINCH R | F | 82-ZM3-334-010 | | PW, 2.16-6-0.4 |
| 28 | 82-ZM1-259-110 | | SPR-T, PINCH R | | | | |
| 29 | 82-ZM1-240-110 | | LVR, REC | | | | |
| 30 | 82-ZM1-298-010 | | SPR-P, EARTH | | | | |
| 31 | 82-ZM1-255-310 | | SPR-E, LVR DIR | | | | |
| 32 | 82-ZM1-221-110 | | GEAR, CAM | | | | |
| 33 | 82-ZM1-227-210 | | LVR, TRIG | | | | |
| 34 | 82-ZM1-224-410 | | LVR, FR | | | | |
| 35 | 82-ZM1-305-110 | | SPR-E, TRIG 2 | | | | |
| 36 | 82-ZM1-239-010 | | CAPSTAN 2.2-41.7 | | | | |

CD MECHANISM EXPLODED VIEW 1/1



CD MECHANISM PARTS LIST 1/1

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

| REF. NO | PART NO. | KANRI NO. | DESCRIPTION |
|---------|----------------|-----------|-----------------------------|
| 1 | 9X-262-587-010 | | MOTOR CHASSIS ASSY |
| 2 | 92-626-907-010 | | GEAR (A) |
| 6 | 98-848-376-110 | | OPTICAL PICK UP KSS-213B RP |
| 7 | 92-626-908-010 | | SHAFT SLED |
| 8 | 92-627-003-010 | | GEAR B |
| A | 97-621-255-150 | | SCREW+P2-3 |

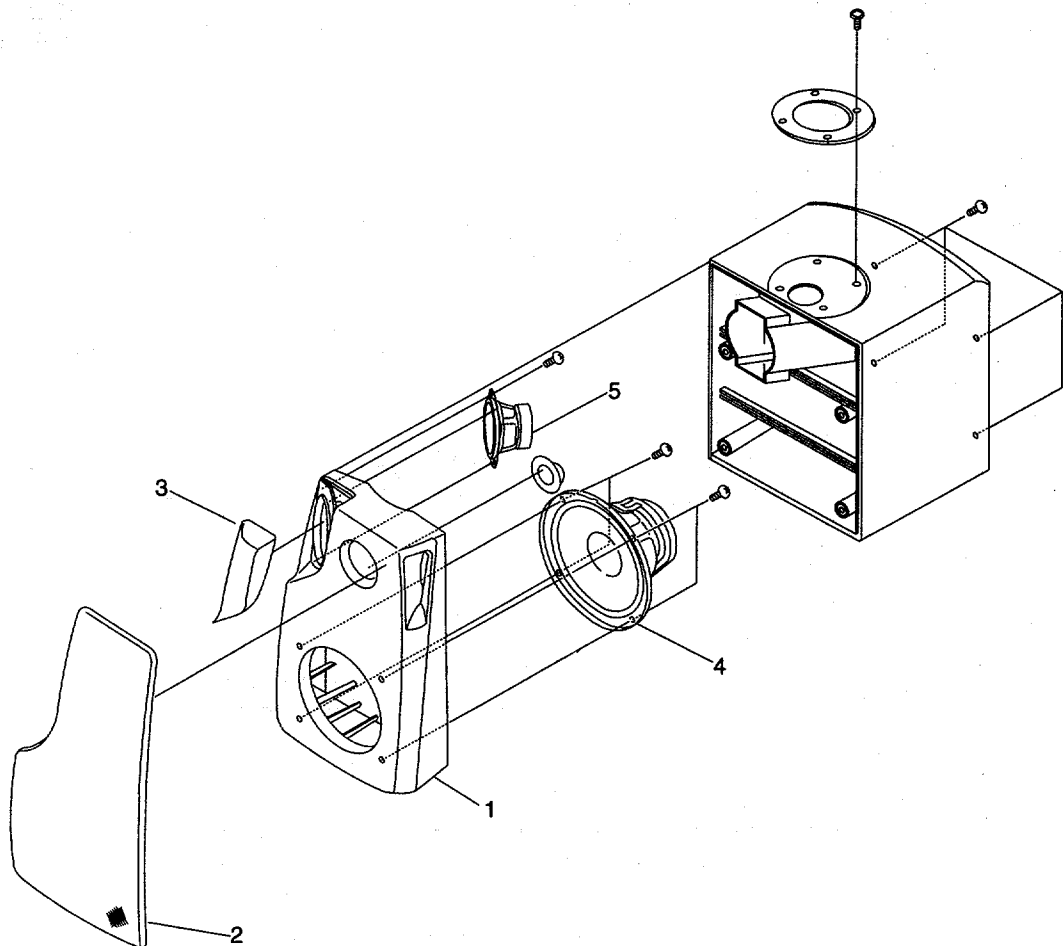
Note: REF.NO. 3, 4 and 5 are not used.

SPEAKER PARTS LIST 1/1 (LCX-350/352)

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

| REF. NO | PART NO. | KANRI NO. | DESCRIPTION |
|---------|----------------|-----------|------------------------------|
| 1 | 81-CD1-032-010 | | BADGE, AIWA 30J |
| 2 | 88-CL5-012-010 | | CABI, FRONT SPKR<LH, K> |
| 2 | 88-CL5-041-010 | | CABI, FRONT SPKR 2WAY<352EZ> |
| 3 | 88-CL5-013-010 | | FRAME, SPKR<LH, K> |
| 3 | 88-CL5-042-010 | | FRAME, SPKR 2WAY<352EZ> |
| 4 | 88-CL5-204-010 | | FRAME, SPKR |
| 5 | 88-CL5-764-010 | | CORD, SPEAKER<LH, K> |
| 5 | 88-CL5-766-010 | | CORD, SPEAKER-2WAY<352EZ> |
| 6 | 88-CL5-762-010 | | SPKR, CERTWEEETER<352EZ> |
| 6 | 88-CL5-761-010 | | SPKR, 10 8OHM<LH, K> |
| 7 | 88-CL5-763-010 | | SPKR, DUSTCAP<352EZ> |

SPEAKER EXPLODED VIEW 1/1 (LCX-358)

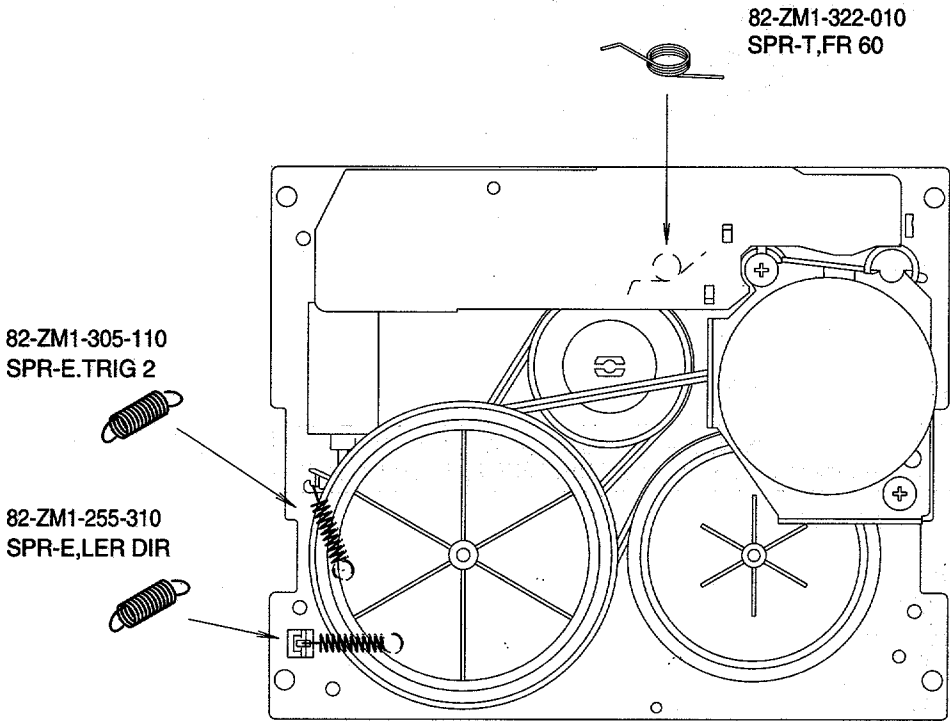
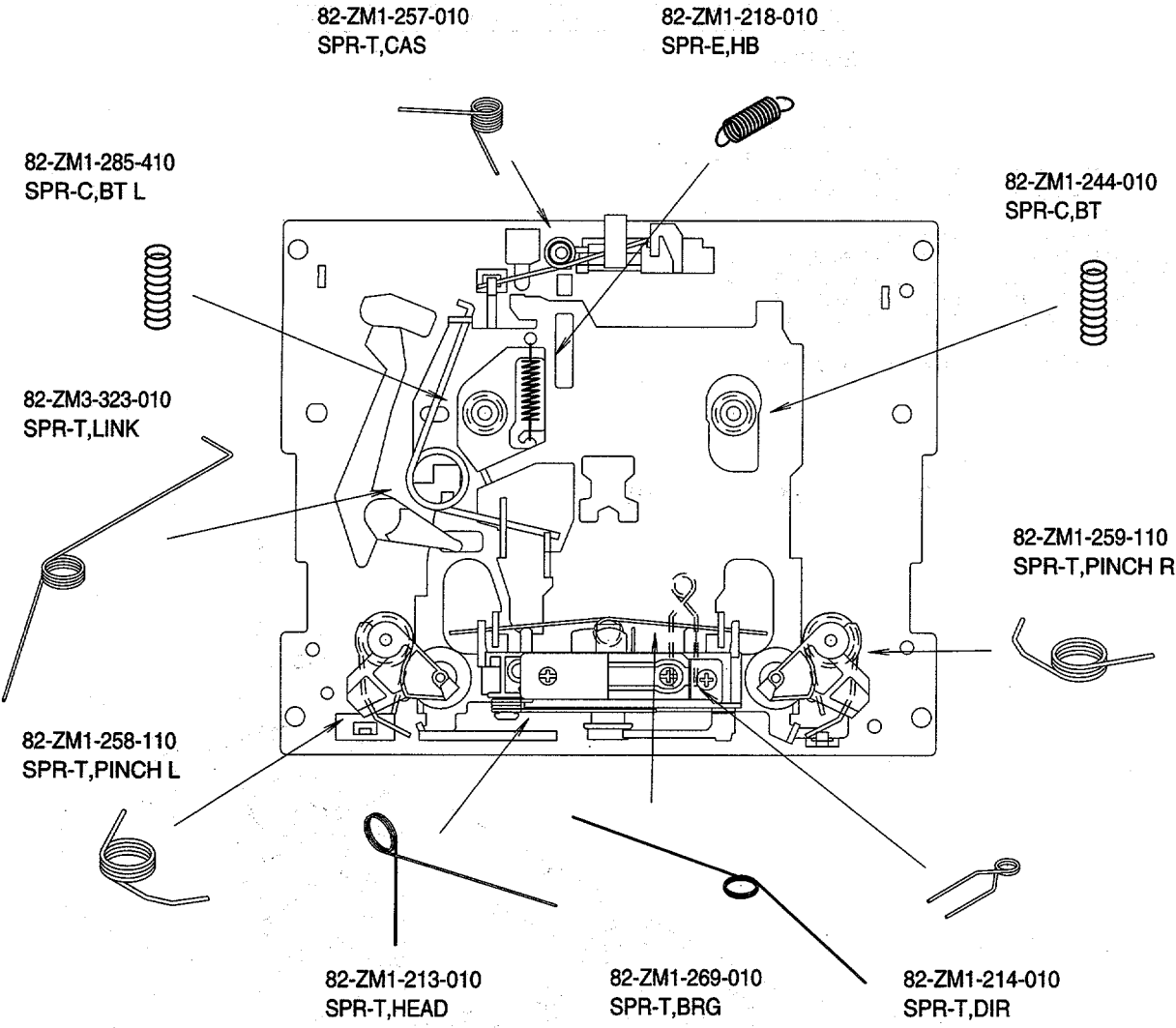


SPEAKER PARTS LIST 1/1 (LCX-358)

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

| REF. NO | PART NO. | KANRI NO. | DESCRIPTION |
|---------|----------------|-----------|----------------|
| 1 | 87-CLE-001-010 | | PANEL, FR R |
| 1 | 87-CLE-002-010 | | PANEL, FR L |
| 2 | 87-CLE-004-010 | | GRILLE FRAME R |
| 2 | 87-CLE-005-010 | | GRILLE FRAME L |
| 3 | 87-CLE-009-010 | | PROTECTOR, TW |
| 4 | 87-CLE-771-010 | | SPKR, WOOFER |
| 5 | 87-CLE-772-010 | | SPKR, MID-R |

SPRING APPLICATION POSITION



REFERENCE NAME LIST

ELECTRICAL SECTION

| DESCRIPTION | REFERENCE NAME |
|-------------|--------------------|
| ANT | ANTENNAS |
| C- | CHIP |
| C-CAP | CAP, CHIP |
| C-CAP TN | CAP, CHIP TANTALUM |
| C-COIL | COIL, CHIP |
| C-DI | DIODE, CHIP |
| C-DIODE | DIODE, CHIP |
| C-FET | FET, CHIP |
| C-FOTR | FILTER, CHIP |
| C-JACK | JACK, CHIP |
| C-LED | LED, CHIP |
| C-RES | RES, CHIP |
| C-SFR | SFR, CHIP |
| C-SLIDE SW | SLIDE SWITCH, CHIP |
| C-SW | SWITCH, CHIP |
| C-TR | TRANSISTOR, CHIP |
| C-VR | VOLUME, CHIP |
| C-ZENER | ZENER, CHIP |
| CAP, CER | CAP, CERA-SOL |
| CAP, E | CAP, ELECT |
| CAP, M/F | CAP, FILM |
| CAP, TC | CAP, CERA-SOL |
| CAP, TC-U | CAP, CERA-SOL SS |
| CAP, TN | CAP, TANTALUM |
| CERA FIL | FILTER, CERAMIC |
| CF | FILTER, CERAMIC |
| DL | DELAY LINE |
| E/CAP | CAP, ELECT |
| FILT | FILTER |
| FLTR | FILTER |
| FUSE RES | RES, FUSE |
| MOT | MOTOR |
| P-DIODE | PHOTO DIODE |
| P-SNSR | PHOTO SENSER |
| P-TR | PHOTO TRANSISTOR |
| POLY VARI | VARIABLE CAPACITOR |
| PPCAP | CAP, PP |
| PT | POWER TRANSFORMER |
| PTR, RES | PTR, MELF |
| RC | REMOTE CONTROLLER |
| RES NF | RES, NON-FLAMMABLE |
| RESO | RESONATOR |
| SHLD | SHIELD |
| SOL | SOLENOID |
| SPKR | SPEAKER |
| SW, LVR | SWITCH, LEVER |
| SW, RTRY | SWITCH, ROTARY |
| SW, SL | SWITCH, SLIDE |
| TC CAP | CAP, CERA-SOL |
| THMS | THERMISTOR |
| TR | TRANSISTOR |
| TRIMMER | CAP, TRIMMER |
| TUN-CAP | VARIABLE CAPACITOR |
| VIB, CER | RESONATOR, CERAMIC |
| VIB, XTAL | RESONATOR, CRYSTAL |
| VR | VOLUME |
| ZENER | DIODE, ZENER |

MECHANICAL SECTION

| DESCRIPTION | REFERENCE NAME |
|----------------|---------------------|
| ADHESHIVE | SHEET ADHESHIVE |
| AZ | AZIMUTH |
| BAR-ANT | BAR-ANTENNA |
| BAT | BATTERY |
| BATT | BATTERY |
| BRG | BEARING |
| BTN | BUTTON |
| CAB | CABINET |
| CASS | CASSETTE |
| CHAS | CHASSIS |
| CLR | COLLAR |
| CONT | CONTROL |
| CRSR | CURSOR |
| CU | CUSHION |
| CUSH | CUSHION |
| DIR | DIRECTION |
| DUBB | DUBBING |
| FL | FRONT LOADING |
| FLY-WHL | FLYWHEEL |
| FR | FRONT |
| FUN | FUNCTION |
| G-CU | G-CUSHION |
| HDL | HANDOL |
| HIMERON | CLOTH |
| HINGE, BAT | HINGE, BATTERY |
| HLDR | HOLDER |
| HT-SINK | HEAT SINK |
| IB | INSTRUCTION BOOKLET |
| IDLE | IDLER |
| IND, L-R | INDICATOR, L-R |
| KEY, CONT | KEY, CONTROL |
| KEY, PRGM | KEY, PROGRAM |
| KNOB, SL | KNOB, SLIDE |
| LBL | LABEL |
| LID, BATT | LID, BATTERY |
| LID, CASS | LID, CASSETTE |
| LVR | LEVER |
| P-SP | P-SPRING |
| PANEL, CONT | PANEL, CONTROL |
| PANEL, FR | PANEL, FRONT |
| PRGM | PROGRAM |
| PULLY, LOAD MO | PULLY, LOAD MOTOR |
| RBN | RIBBON |
| S- | SPECIAL |
| SEG | SEGMENT |
| SH | SHEET |
| SHLD-SH | SHIELD-SHEET |
| SL | SLIDE |
| SP | SPRING |
| SP-SCREW | SPECIAL-SCREW |
| SPACER, BAT | SPACER, BATTERY |
| SPR | SPRING |
| SPR-P | P-SPRING |
| SPR-PC-PUSH | P-SPRING, C-PUSH |
| T-SP | T-SPRING |
| TERM | TERMINAL |
| TRIG | TRIGGER |
| TUN | TUNING |
| VOL | VOLUME |
| W | WASHER |
| WHL | WHEEL |
| WORM-WHL | WORM-WHEEL |

| サービス技術ニュース | |
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| 番号 | 連絡内容 |
| G- — | |
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